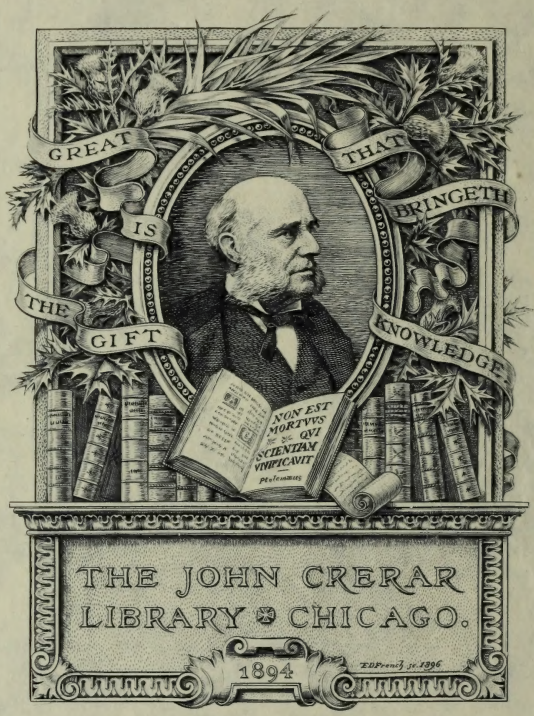
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The Kansas State Normal School.

Forty-sixth Year, 1909-'10.

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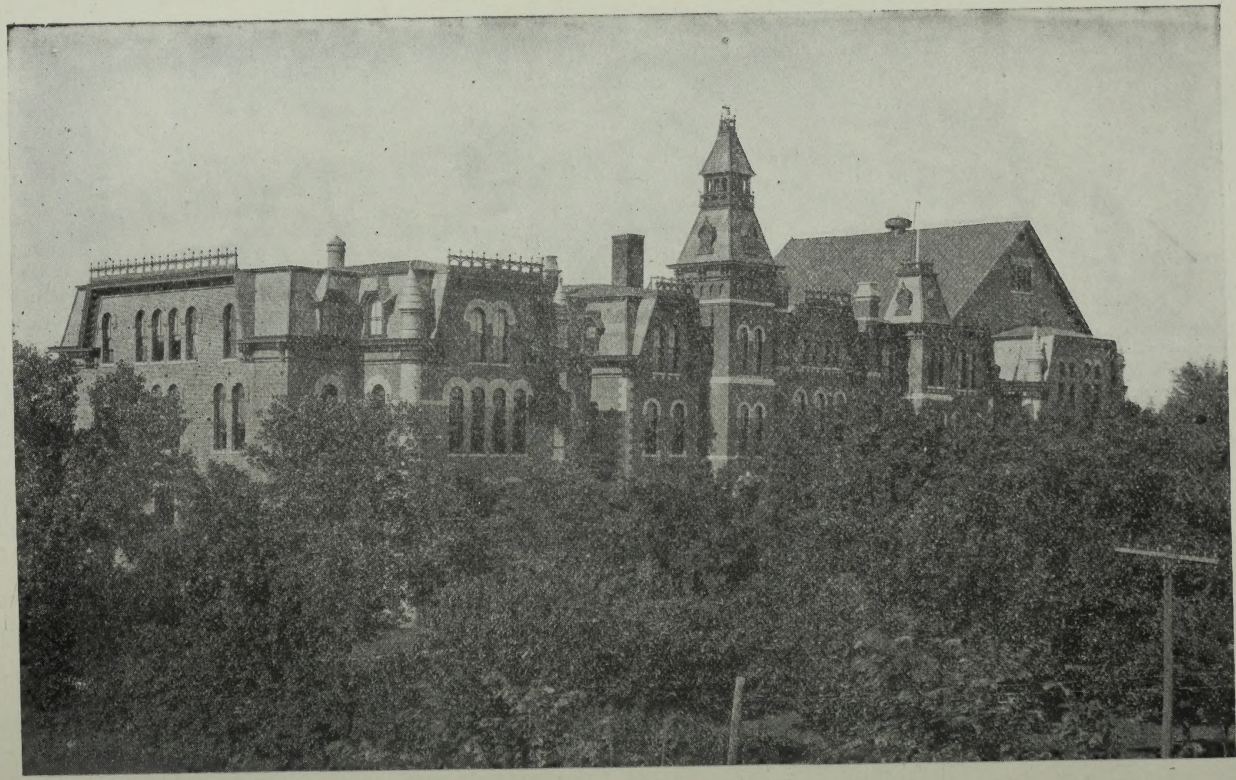

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Forty-sixth Annual Catalogue

of the

JOHN CRERAR LIBRARY

Kansas State Normal School,

Emporia, Kansas.

1910.

STATE PRINTING OFFICE,
TOPEKA, 1910.
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THE
KANSAS AND
HISTORICAL
LIBRARY

Board of Regents.

TERM EXPIRES IN 1911.

A. H. BUSHEY	PITTSBURG.
H. W. GRASS	LA CROSSE.
J. E. JUNKIN	STERLING.

TERM EXPIRES IN 1913.

W. B. HAM	STOCKTON.
SHEFFIELD INGALLS	ATCHISON.
GEORGE E. TUCKER	EUREKA.

OFFICERS OF THE BOARD.

President	SHEFFIELD INGALLS.
Vice President	W. B. HAM.
Secretary	A. H. BUSHEY.

Contents.

	PAGE
Board of Regents	4
School Calendar for 1910-'11	7
The Faculty	9
Student assistants	15
Faculty residences	15
Historical statement	17
Buildings, grounds and equipment	18
The reading room	20
Organization of the School	23
Hospital fund	23
Board and rooms	23
Employment	24
Student organizations	24
Students' loan fund	25
Lectures	25
Contests	25
The Spirit of the School	26
Positions as teachers	27
Summer school	27
Fees	27
Entrance requirements and credits	29
Diplomas and certificates	31
Courses of study	33
Normal secondary course of four years	35
Normal secondary course of two years	36
Normal College course of two years	37
Normal College course of four years	37
Normal kindergarten course	38
Arts	38
Biological sciences	40
Commerce	42
English	44
General pedagogy	45
Geography	47
History	48
Languages	51
Library science	54
Mathematics	55
Music (public school)	55
Physical sciences	56
Physical training	57
Speech arts	58

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PAGE

Description of courses of study by departments 61
Arts 61
Biological sciences 64
Commerce 67
English 70
General pedagogy 72
Geography 77
History 78
Kindergarten 83
Languages 84
Library science 87
Mathematics 90
Music (public school) 92
Physical science 94
Physical training 95
Speech arts 97
Music department 102
Faculty 102
Plan of the work 103
Courses of instruction 103
Piano 103
Voice 104
Violin 105
Theory, composition and history of music 107
Harmony 107
Counterpoint 107
Fugue 108
Instrumentation 108
Musical forms 108
General information, tuition, etc 110
Register of students 113
Kansas counties represented 154
Summary of attendance 155

ILLUSTRATIONS.

Main building 1, 8, 109
Kellogg Library 30, 109
Training School 89, 109
Norton Science Hall 60
Physical Training building 101
Power House 112
Custodian's residence 112
Hospital 112
Groups of buildings 109, 112
Lake Wooster 153

School Calendar for 1910–'11.

1910.

Mar. 31, Thursday		Free Entrance and Final Examinations.
Apr. 1, Friday		
Apr. 1, Friday	— Close of Fourth Term.	
Apr. 4, Monday	— First Meeting of Classes for Fifth Term.	
May 6, Friday	— Preliminary Declamation Contest in Literary Societies.	
May 27, Friday	— Prize Contest in Declamation and Debate.	
Jun. 3, Friday	— Close of Fifth Term.	
Jun. 4, Saturday, 8:00 p. m.	— Drama: Department of Speech Arts.	
Jun. 5, Sunday, 11:00 a. m.	— Baccalaureate Address.	
7:00 p. m.	— Vesper Services.	
Jun. 6, Monday, 9:00 a. m.	— Senior Field Day.	
12:00 m.	— Senior Luncheon.	
8:00 p. m.	— Senior Play.	
Jun. 7, Tuesday. 4:00 p. m.	— President's Reception to Alumni.	
8:30 p. m.	— Graduation Concert of Department of Music.	
Jun. 8, Wednesday, 9:30 a. m.	— Commencement Exercises.	
12:00 m.	— Alumni Dinner.	
Jun. 9, Thursday	— Opening of Summer School. First Term.	
Jun. 24, Friday		County Teachers' Examination.
Jun. 25, Saturday		
Jul. 1, Friday		County Teachers' Examination.
Jul. 2, Saturday		
Jul. 29, Friday		County Teachers' Examination.
Jul. 30, Saturday		
Aug. 5, Friday	— Close of Summer School.	
Aug. 19, Friday		County Teachers' Examination.
Aug. 20, Saturday		
Sep 2, Friday		Free Entrance and Final Examination.
Sep. 3, Saturday		
Sep. 6, Tuesday	— First Meeting of Classes for Second Term.	
Nov. 10, Thursday		Free Entrance and Final Examinations.
Nov. 11, Friday		
Nov. 11, Friday	— Close of Second Term.	
Nov. 14, Monday	— First Meeting of Classes for Third Term.	
Nov. 24, Thursday		Thanksgiving Vacation.
Nov. 25, Friday		
Dec. 15, Thursday	— Prize Contest in Debate.	
Dec. 22, Thursday		Holiday Recess.

1911.

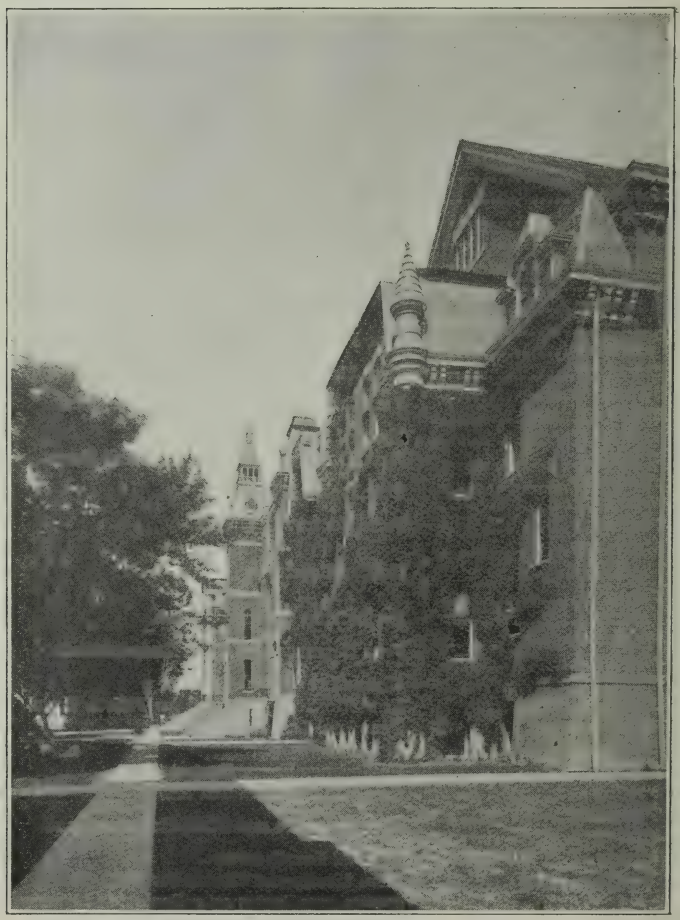
Jan. 3, Tuesday		
Jan. 13, Friday	— Preliminary Oration Contest.	
Jan. 26, Thursday		Free Entrance and Final Examinations.
Jan. 27, Friday		
Jan. 27, Friday	— Close of the Third Term.	
Jan. 30, Monday	— First Meeting of Classes for Fourth Term.	
Feb. 15, Wednesday	— Founders' Day Exercises.	
Feb. 22, Wednesday	— Holiday.	
Mar. 3, Friday	— Preliminary Essay Contest.	
Mar. 10, Friday	— Contest in Oration and Essay.	
Mar. 30, Thursday		Free Entrance and Final Examinations.
Mar. 31, Friday		
Mar. 31, Friday	— Close of Fourth term.	
Apr. 3, Monday	— First Meeting of Classes for Fifth Term.	
May 5, Friday	— Preliminary Declamation Contest in Literary Societies.	
May 26, Friday	— Prize Contest in Declamation and Debate.	

Continued on next page.

School Calendar, 1911.

Concluded.

Jun.	**2, Friday**	.....	— Close of Fifth Term.
Jun.	**3, Saturday,**	**8:00 p. m.**	— Drama: Department of Speech Arts.
Jun.	**4, Sunday,**	**11:00 a. m.**	— Baccalaureate Address.
		7:00 p. m.	— Vesper Service.
Jun.	**5, Monday,**	**9:00 a. m.**	— Senior Field Day.
		12:00 m.	— Senior Luncheon.
		8:00 p. m.	— Senior Play.
Jun.	**6, Tuesday,**	**4:00 p. m.**	— President's Reception to Alumni.
		8:30 p. m.	— Graduation Concert, Department of Music.
Jun.	**7, Wednesday,**	**9:30 a. m.**	— Commencement Exercises.
		12:00 m.	— Alumni Dinner.
Jun.	**8, Thursday**	.....	— Opening of Summer School. First Term.



FRONT OF MAIN BUILDING FROM EAST END.

The Faculty.

Schools in italics, special studies, one year or more.
Arranged by departments alphabetically.

JOSEPH H. HILL, A. M., D. D., LL. D.,
(Kansas State Normal School and Northwestern University).
President.

JOHN H. GLOTFELTER, Ped. D.,
(Illinois Normal University).
Vice President and Director in Training.

Arts.

EMMA L. GRIDLEY (Kansas State Normal School and *Massachusetts Normal Art School*).
Professor of Drawing.

DANNETTA M. ECKDALL (Arts Students' League, New York; School of Design, Pittsburg, Pa.).
Assistant, Drawing.

KATHARINE MORRISON (Kansas State Normal School).
Assistant, Drawing.

AURA L. FITCH[1] (Chicago Art Institute).
Assistant, Drawing.

HERBERT HILL BRAUCHER, B. S. (University of Illinois).
Professor of Manual Training.

BETH WARNER MULL[2] (Kansas State Normal School and *University of Illinois*).
Home Economics.

GERTRUDE FLINN (Kansas State Normal School).
Assistant, Home Economics.

Biological Sciences.

LYMAN C. WOOSTER, Ph. D. (Milton College, State Normal School, Whitewater, Wis., and *Yale University*).
Professor of Biology and Geology.

LOTTIE E. CRARY, A. B. (Kansas State Normal School).
Assistant, Biology and Geology.

WILLIAM H. KELLER, A. B. (Kansas State Normal School and *Rose Polytechnic Institute*).
Assistant, Biology.

E. T. BARTHOLOMEW, A. B. (Kansas State Normal School).
Assistant, Biology.

---

1. Resigned, August, 1909.
2. Absent on leave, 1909-'10.

Commerce.

LEONARD A. PARKE, LL. B. (State Normal School, Mansfield, Pa., and University of Kansas).
Professor of Commerce.

JENNIE A. WHITBECK,* Ph. B., A. M. (Kansas State Normal School and College of Emporia).
Assistant, Commerce.

CELIA MANNING (Ferris Institute, Big Rapids; *State Normal School, Mount Pleasant, Mich.*)
Assistant, Commerce.

English.

M'LOUISE JONES, A. M. (University of Michigan).
Professor of English.

EVA MCNALLY, M. L., B. L., Ph. B. (Kansas State Normal School, Trueblood School of Oratory, Lincoln College, University of Wisconsin, and University of Chicago).
Associate Professor of English.

MARTHA J. WORCESTER (Kansas State Normal School).
Assistant, English.

ANNA BELL NEWTON, B. L., A. M. (Ohio Wesleyan University, University of Michigan, and *University of Chicago*).
Assistant, English.

LORENA WOODROW,[3] Ph. B. (Kansas State Normal School, and Denison College).
Assistant, English.

MARIE WILLIAMS,† Ph. B., (University of Chicago).
Assistant, English.

MARY B. SCHMALZRIED[4] (Kansas State Normal School and Kansas *State University*).
Assistant, English.

General Pedagogy.

NORMAN TRIPLETT, A. M., Ph. D. (Illinois College, Indiana University, and Clark University).
Professor of Philosophy and Psychology.

A. MONROE STOWE, A. M., Ph. D. (Northwestern University, Harvard University, and Columbia University).
Associate Professor, Philosophy and Psychology.

EDGAR FRANCIS RILEY, A. B., Ph. D. (Baker University and University of Chicago).
School Administration.

HORACE M. CULTER (*Shurtleff College* and Kansas State Normal School).
Assistant, School Administration.

---

* Resigned September, 1909.

† Fifth term, 1909-'10.

3. Resigned, April, 1910.

4. Summer School, 1909.

Geography.

DANIEL AUGUSTINE ELLSWORTH (Kansas Normal College).
Professor of Geography.

History.

MARY ALICE WHITNEY, A. B. (Kansas State Normal School and University of Michigan).
Professor of American History.

CHARLES E. HILL, A. M. (University of Michigan).
Assistant, American History.

JEREMIAH M. RHODES,[5] A. M. (Kansas State Normal School, Indiana University, Harvard University, *Leland Stanford University*, and *Columbia University*).
Professor of European History and Political Science.

WALTER R. SMITH, A. M., Ph. D. (Missouri Valley College, Harvard University, and University of Chicago).
Professor of European History and Political Science.

PELAGIUS WILLIAMS, A. M. (College of Emporia, and University of Chicago).
Assistant, History.

U. G. DUBACH[6], A. M. (Kansas State Normal School, Indiana University, and Harvard University).
Assistant, History.

Language.

MAUD HAMILTON, A. B. (Kansas State Normal School and Cornell University).
Professor of Latin.

WILLIAM L. HOLTZ, A. B. (Baker University and *University of Chicago*).
Assistant, Latin.

ANNA E. SNYDER[7] (Kansas State Normal School and Columbia University).
Assistant, Latin.

LILLIAN MAE DUDLEY (Kansas State Normal School, *University of Kansas*, and *University of Berlin*).
Professor of Modern Languages.

D. HORTENSE BROOKOVER, A. B. (University of Kansas, *University of Chicago*, and *University of Berlin*).
Assistant, Modern Languages.

Library Science.

GERTRUDE AMELIA BUCK, B. L. S. (State Normal School, Plattsville, Wis., and Illinois State Library School).
Professor of Library Science.

Mathematics.

ELI LAWRENCE PAYNE, B. P., B. L., M. S. (Kansas State Normal School, Lincoln University, and College of Emporia).
Professor of Mathematics.

---

5. Resigned, July, 1909.
6. Summer School, 1909.
7. Absent on leave, 1909-'10.

GEORGE W. ELLIS, A. M. (Hamilton College).
Associate Professor of Mathematics.

IRA P. BALDWIN, Ph. B., A. M. (Indiana State Normal School, Wabash College, and Indiana University).
Assistant, Mathematics.

Music.

HENRY D. GUELICH, A. B., Mus. B., Mus. Doc. (Northwestern College, Virgil Clavier School, Grand Conservatory of Music, New York).
Director of Music Department, Piano, and Theory of Music.

FRANK A. BEACH, B. L. (University of Michigan, Syracuse University School of Music, Juliani School of Opera, Paris).
Professor of Public-school Music, Voice Culture and Chorus.

ROBERT T. BLAIR (Music Department Kansas State Normal School; pupil of Edgar B. Gordon, Chicago, and Louis Van Laar, Berlin).
Violin, Stringed Instruments, Leader of Orchestra.

BERENICE RICE,[8] Mus. B. (Virgil Clavier School).
Assistant, Piano.

BERTHA CURTIS (Chicago Musical College, Oberlin Conservatory of Music).
Voice Culture and Public-school Music.

FLORENCE CROSS (Pupil of Katherine C. Linn, New York, and Maurice Moscowski, Paris).
Assistant, Piano.

MABEL RHODES (Music Department of Kansas State Normal School, Bush Temple Conservatory of Music, Chicago).
Piano, Juvenile Department.

GRACE RICHARDS[9] (College of Emporia, pupil of Emilo Agramonte, New York).
Voice Culture and Public-school Music.

MILDRED BOOMHOWER (Potsdam State Normal School, New York).
Assistant, Public-school Music.

ALEXANDER BAIRD[10] (Pupil of Edgar B. Gordon).
Instructor in Violin.

E. FLOY SHUMACHER* (Pupil of Madame Barbareux Parry, Chicago, *Centralizing School of Music, Chicago.*
Assistant in Voice.

Physical Sciences.

THOMAS MEDARY IDEN, Ph. M. (Butler University and *University of Berlin*).
Professor of Physics and Chemistry.

WILLIAM A. VAN VORIS (Kansas State Normal School).
Assistant, Science.

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* Fifth term, 1909-'10.

8. Leave of absence, 1909-'10.

9. Resigned, December, 1909.

10. Summer School, 1909.

Physical Training.

PAUL B. SAMSON, B. P. E., M. Di. (Iowa State Normal School and International Y. M. C. A. Training School).
Director of Physical Training.

ALICE GERTRUDE HAGGART (Cushing Hospital, Boston, Mass., Sargent School of Physical Training).
Assistant Director of Physical Training.

FRED L. HONHART (International Y. M. C. A. Training School, Springfield, Mass.).
Assistant, Physical Training.

BESSIE L. PARK (State Normal School, Courtland, N. Y., New Haven Normal School of Gymnastics).
Assistant, Physical Training.

CLAIR K. TURNER (Kansas State Normal School).
Assistant, Physical Training.

ETHEL M. POLK[11] (Kansas State Normal School, Scarritt Training School, Kansas City, and *Women's Medical College*, Philadelphia, Pa.
Assistant, Physical Training.

Speech Arts.

CORA MARSLAND, O. M. (New York State Normal College, Emerson College of Oratory, and *Wellesley College*).
Professor of Oral English.

ROWLAND HENRY RITCHIE, Ph. B. (University of Chicago and *Northwestern University*).
Professor of Themes and Public Speech.

SOPHIA DONICA (Kansas State Normal School, Columbia College of Expression).
Assistant, Oral English.

Training School.

JOHN H. GLOTFELTER, Ped. D. (Illinois Normal University).
Director in Training.

ACHSAH M. HARRIS, A. B. (Kansas State Normal School and *University of Michigan*).
Critic Teacher.

ELISE MADDUX (Chicago Froebel Association Training School).
Kindergarten.

LOUISE M. ALDER,[12] A. B. (University of Kansas).
Kindergarten.

ETHEL MCCARTNEY (Kansas State Normal School).
Assistant Critic Teacher, Model Intermediate.

JANE KELLOGG ATWOOD, E. B. (Chicago Normal School and University of Chicago).
Assistant Critic Teacher, Grammar.

JESSIE LOUISE FORDE (Kansas State Normal School and *College of Emporia*).
Assistant.

---

11. Summer School, 1909.
12. Summer School, 1909.

JENNIE WILLIAMS (Kansas State Normal School and *University of Michigan*).
Assistant.

CARRIE F. BRADLEY[12] (Kansas State Normal School).
Assistant.

HARRIET PRIEST.
Office Assistant.

Library.

ELVA ENOLA CLARKE[13] (Kansas State Normal School).
Librarian.

GRACE MILDRED LEAF (Kansas State Normal School).
Cataloguer.

MAY O. HOWELL (Kansas State Normal School).
Assistant.

MAUDE E. SHORE (Kansas State Normal School).
Assistant.

ETHEL MACURDY,* A. B. (Baker University and Kansas State Normal School.
Assistant.

Administration.

JAMES RALPH JEWELL, A. B., Ph. D. (Coe College and Clark University).
Normal School Visitor.

ALLEN S. NEWMAN[14] (Kansas State Normal School).
Financial Secretary.

R. E. COLEMAN (Kansas State Normal School).
Financial Secretary.

WILLIAM H. SINGULAR (Kansas State Normal School).
Secretary, General Office.

MARY VIRGINIA KELLOGG, A. B. (University of Kansas).
Secretary to the President.

LOUISE JAGGARD.
Registrar.

CHARLES R. ADAMSON (Kansas State Normal School).
Assistant Financial Secretary.

FRANCES SPALDING,[15] (Stormont Hospital, Topeka; German Hospital, Kansas City, Mo.).
Nurse.

CORA E. RUTTINGER (*Kansas State Normal School*, St. Barnabas Hospital, New York, *Nursery and Child's Hospital*, New York, *Massachusetts Eye and Ear Infirmary*, Boston, and Red Cross Nurse, Spanish-American War).
Nurse.

WILLIAM H. BOYLES.
Custodian of Buildings and Grounds.

---

* Fifth term, 1909-'10.

12. Summer School, 1909.

13. Resigned, April, 1910.

14. Resigned, January, 1910.

15. Resigned, August, 1909.

Student Assistants.

PART TIME.

F. E. ALDER.
JANE BLAIR.
F. E. BROWN.
T. L. BOUSE.
MYRTLE COOK.
MILDRED ELLIS.
H. R. FREEMAN.
J. CALVIN FUNK.
GEO. E. HARDER.
F. H. HARRIN.
ABBIE INGHRAM.
GERTRUDE JENKS.
C. F. JONES.
J. F. JOHNSON.
J. A. KELL.
L. F. METZLER.
MAUDE E. MINROW.
ETHEL M. MOSS.
BESSIE NORMAN.
ANNA NYSTROM.
CECILE OSBORNE.
LUCILE OWEN.
ETHEL PRUETT.
ROY RICHARDSON.
MAUDE SCOGGAN.
JESSICA SMITH.
PHOEBE R. SPECKMANN.
JAMES STRALEY.
CHARLOTTE F. TATE.
H. R. TURNER.
F. L. WRIGHT.

Faculty Residences.

Name and phone number.	*Street address.*
ADAMSON, CHARLES R., 632-3	1010 Union.
ATWOOD, JANE K., 850	1225 North Merchant.
BALDWIN, IRA P., 130-3	1225 West.
BARTHOLOMEW, E. T., 396	132 East Twelfth Ave.
BEACH, FRANK A., 188	1236 Highland.
BLAIR, ROBERT, 2816	1116 State.
BOOMHOWER, MILDRED	1006 Market.
BRAUCHER, H. H., 820-3	905 Neosho.
BROOKOVER, D. H., 819	827 Market.
BUCK, GERTRUDE, 110	519 Commercial.
COLEMAN, R. E., 474	132 West Twelfth Ave.
CRARY, LOTTIE E.	923 Exchange.
CROSS, FLORENCE A., 938	828 Market.
CULTER, H. M., 1152	1515 Highland.
CURTIS, BERTHA, 292	817 Mechanic.
DONICA, D. SOPHIA	1016 Congress.
DUDLEY, LILLIAN M., 2501	1024 Constitution.
ECKDALL, MRS. DANNETTA M., 864	727 Rural.
ELLIS, GEORGE W., 173	1127 State.
ELLSWORTH, D. A., 159	218 West Twelfth.
FLINN, GERTRUDE, 820-3	905 Neosho.
FORDE, JESSIE, 223	829 State.
GLOTFELTER, JOHN H., 341	1025 State.
GRIDLEY, EMMA L., 2501	1024 Constitution.

Name and phone number.	*Street address.*
GUELICH, H. D., 332	1121 Constitution.
HAGGART, ALICE G., 916	1224 North Market.
HAMILTON, MAUD, 361	1411 North Merchant.
HARRIS, ACHSAH M., 798	829 Mechanic.
HILL, CHARLES E., 525	717 Constitution.
HILL, JOSEPH H., 650	1314 Highland.
HOLTZ, WM. L., 928	924 Constitution.
HONHART, F. L.	1012 Constitution.
IDEN, T. M.	1006 Constitution.
JAGGARD, LOUISE, 1118-3	1009 Neosho.
JEWELL, JAMES R., 2915	1521 Highland.
JONES, M'LOUISE, 542	909 Mechanic.
KELLER, W. H., 1144-2	1113 Constitution.
KELLOGG, MARY V., 402	1114 Neosho.
LEAF, GRACE, 347	810 Mechanic.
MCCARTNEY, ETHEL	1006 Market.
MCNALLY, EVA, 72	911 Union.
MADDUX, ELISE	1006 Constitution.
MANNING, CELIA I., 715-2	111 West Tenth Ave.
MARSLAND, CORA, 149	1535 North Merchant.
MORRISON, KATHARINE, 758-3	902 State.
MULL, MRS. BETH WARNER, 361	1411 North Merchant.
NEWTON, ANNA BELL, 798	829 Mechanic.
PARK, BESSIE L., 916	1224 North Market.
PARKE, L. A., 782-3	1127 Market.
PAYNE, E. L., 985	1218 Neosho.
PRIEST, HARRIET, 569	1009 Union.
RHODES, MABEL, 367	929 West.
RILEY, E. F., 872	1119 State.
RITCHIE, R. H., 2204	832 Merchant.
RUTTINGER, CORA E., 612	Normal Hospital.
SAMSON, P. B., 809	706 Merchant.
SINGULAR, WM. H., 1118-2	1501 North State.
SMITH, W. R., 332	1121 Constitution.
STOWE, A. MONROE	1006 Market.
TRIPLETT, NORMAN, 850	1225 North Merchant.
TURNER, CLAIR K., 1118-2	1501 North State.
VAN VORIS, W. A., 1017	1315 Highland.
WHITNEY, MARY A., 819	827 Market.
WILLIAMS, JENNIE, 2575	121 Union.
WILLIAMS, P., 1177-3	1113 Congress.
WOOSTER, L. C., 247	1017 Union.
WORCESTER, MARTHA J., 542	909 Mechanic.

Historical.

THE State Normal School of Kansas was located at Emporia by act of the legislature passed in February, 1863; the legislature of 1864 provided for the appointment of a Board of Regents and the organization of the School, and the first appropriation bill, $1000, for the salaries of teachers, was approved February 29, 1864. The School opened its doors to students and began regular work in the upper room of a school building owned by the city of Emporia, February 15, 1865, with one teacher, L. B. Kellogg, and eighteen students. The first building for the use of the School erected by the state was dedicated January 2, 1867; the first graduating class, consisting of two young women, was the class of 1867. Since that time the School has graduated more than 2000 young men and women, and numbered probably 25,000 among its undergraduate students; almost the entire number of these have engaged for a longer or shorter time in teaching in the schools of Kansas and of other states, and the influence of the School has been a positive and powerful factor in the educational life of the state during all the forty-two years of its history. By the legislature of 1901 the Normal School at Hays, and by the legislature of 1903 the Normal School at Pittsburg, were established as auxiliary to the State Normal School at Emporia, and designated respectively "The Western Branch, State Normal School," and "The Manual Training Auxiliary." The management of the three schools is by law vested in one Board of Regents, and the president of the Normal School at Emporia is the president of the three schools.

PURPOSES OF THE SCHOOL.

The act organizing the School and locating it permanently at Emporia provided that its exclusive purpose should be "the instruction of persons, both male and female, in the art of teaching," and designated in general terms such branches of instruction as were then recognized as necessary for the accomplishment of that end. The School throughout its history has been conducted in the spirit of its foundation and with specific reference to its function of preparing teachers for the public schools of the state. The field of the Normal School as an essential part of the school system of the state implies a recognition of the principles that proficiency in the art of teaching is dependent upon thorough knowledge of the fundamental principles of the science of teaching, that this knowledge should be both historical and philosophical, and that clear conceptions of methods can most readily be attained by an intelligent study of them in practical operation. The Normal Schools of the state, then, organized into one system, assume as their field specifically the professional function. The place and value of every subject in the course of study is determined by its relation to this end, the method of approach to every subject of instruction has the teaching purpose particularly in view, and in every way the Normal School seeks to develop a distinctive teaching atmosphere, to foster the best expression of the teaching spirit, and to set the highest stand-

ards for teaching preparation. To fulfill its mission adequately, and to meet the legitimate demands made upon it, the Normal School recognizes that it must touch every phase of public-school life in the state, must lay the foundations of broad and thorough scholarship and professional training for every grade of school work, and must seek to be a progressive center of educational thought and a disseminator of the best teaching ideals to the schools of every community.

LOCATION.

Emporia, the home of the State Normal School, is a city of approximately 10,000 inhabitants, situated between the Neosho and Cottonwood rivers, in a beautiful and healthful location, easily accessible from all parts of the state. Its railroads are the main line and three branches of the Atchison, Topeka & Santa Fe Railway, and the Neosho branch of the Missouri, Kansas & Texas. Emporia combines ideally the characteristics of a model school town. It is a substantial business city in the center of a prosperous agricultural community. Its well-kept lawns, its commodious and comfortable homes, its public buildings and its numerous schools and churches are external evidences of the spirit of the community; it has also long been known as one of the most attractive residence and home cities of the West. It is often designated as a city of schools and churches, and the educational and moral tone of the community is wholesome and helpful in the highest degree. Students find a cordial welcome to their church homes in the various places of worship in the city, and they have no difficulty in finding places for room and board with congenial surroundings where the moral safeguards are the very best. Many families in the city are particularly identified with the life of the School because they have been especially attracted to Emporia as a place of residence by its educational opportunities.

BUILDINGS, GROUNDS AND EQUIPMENT.

In addition to a competent Faculty and good location, convenient and suitable buildings are necessary for a school.

The Normal School grounds are located immediately adjacent to the city at the north end of Commercial street, the leading business street of Emporia. The original campus of twenty acres has been enlarged by successive purchases so that it now includes about thirty-five acres, including one of the most satisfactory and best-equipped athletic fields in the state. The group of buildings includes:

THE MAIN BUILDING, the central portion of which was built originally in 1880, but enlarged by the addition of a wing on the west in 1887, and on the east in 1895. In the east wing is the beautiful addition known as "Albert Taylor Hall." The entire building is devoted to the purposes of administration and instruction, is about 300 feet long, and contains 80 rooms, exclusive of closets and wardrobes—well lighted, well ventilated, attractively and comfortably furnished with direct reference to the needs of the modern schoolroom. It is heated by steam, has a complete system of motor ventilation, a private telephone exchange with direct connection with the city system, is supplied with water, gas and electric light; in short, is fully equipped with whatever adds to the comfort and convenience of student life.

THE LIBRARY BUILDING, completed in 1902 at a cost of $60,000, provided with modern library equipment, is admirably adapted for research

work. Over 25,000 books, selected with reference to the teacher's work, are catalogued and ready for instant reference. The entire library force have had library training in the best schools of the country. This enables them to give helpful guidance to the students. The convenient arrangement of the reading room, seminars and lecture room makes the library an ideal place for study and research. The Board of Regents at their commencement meeting, June, 1907, directed that hereafter the library building shall be designated "The Kellogg Library," in honor of the first president of the institution, L. B. Kellogg, Esq., who has continued as its untiring friend through all the years of its history.

THE TRAINING SCHOOL BUILDING was completed in 1905, at a cost of over $30,000. It is arranged especially for practice teaching, and contains accommodations for the kindergarten and the eight grades of the common school. It has a good equipment, with playroom, manual training, kindergarten kitchen, and ample playgrounds. It is notable for its good light and ample ventilation. Valuable and appropriate pictures are on the walls. Its equipment is being added to from year to year.

THE SCIENCE BUILDING, erected at a cost of $50,000, was occupied by classes in September, 1907, and formally dedicated to the uses of the School November 15, 1907, with appropriate exercises. The building was named, by authority of the Regents, "The Norton Science Hall," in honor of Henry B. Norton, first teacher of natural science in the School and associate principal under L. B. Kellogg. Modern laboratories and lecture rooms, equipped with the best scientific apparatus, are provided for the science work. The museum is rich in specimens illustrating the various lines of physical science. The building offers first-class, up-to-date conditions for the study of science.

THE PHYSICAL TRAINING BUILDING was first used for classes in February, 1910, and formally opened with appropriate exercises April 15, 1910. The dedicatory address was given by Dr. Henry S. Curtis, vice president of the American Playground Association. It is in every respect modern and designed exclusively for gymnasium purposes. The heating, lighting and ventilation of this building are perfect and the equipment is up to the standards of to-day. The basement is equipped with dressing rooms, steel lockers, shower baths, and a swimming pool. The second floor is for heavy apparatus and marching. The main room on this floor is 158 feet long and 66 feet wide. It may be used as one room or divided by rolling partitions into two. At the ends of the building on this floor and the next are offices and consulting rooms. The third floor is used for basket-ball and kindred games, and offers one of the best basket-ball courts in the state. Above this is a gallery for spectators and a running track. The floors of the large rooms are of hard maple, making ideal surfaces for gymnastic purposes. This magnificent building, costing over $100,000, is to be devoted exclusively to physical-training classes and work.

THE EMERGENCY HOSPITAL is provided with equipment necessary for the care of the students who are ill. A trained nurse is in charge of the hospital. A small fee is required of all students for meeting the expenses of the nurse. The plan of caring for sick students has proved very effective. Precautionary and preventive measures have checked epidemics and conserved health.

THE POWER HOUSE, situated at the rear of the other buildings, is equipped with a modern battery of boilers, engine and generator, which

furnishes heat and light for all the buildings as well as electric power for the blower-fan system of ventilation.

THE ATHLETIC FIELD, on the northwest part of the campus, gives abundant facilities for all outdoor games. The drainage of the grounds is perfect, so their condition seldom prevents use. The field has been enlarged by the recent purchase of additional ground on the north.

There are several tennis courts and more will be added. An outdoor playground for the children of the Training School will soon be established.

THE READING ROOM.

Our tables are liberally supplied with periodicals adapted to the general as well as to the special wants of the pupils. The publishers of the following papers have kindly placed the School upon their regular mailing lists:

DAILIES.

Congressional Record, Washington, D. C.
Gazette, Augusta.
Herald, Humboldt.
Journal, Lawrence.
Kansas-Republican, Newton.
News, Hutchinson.
Post, Leavenworth.
Republic, Ottawa.
Register, Iola.
Sun, Parsons.
Union, Salina.
Woman's National Daily, St. Louis, Mo.
World, Lawrence.
World, Hiawatha.

WEEKLIES AND MONTHLIES.

Advance, Chetopa.
Advance, Walnut.
Advocate, Yates Center.
Advocate of Peace, Boston.
Bee, Bison.
Book Buyer, New York.
Breeze, Rush Center.
Bulletin, Anthony.
Bulletin, Florence.
Chief, Troy.
Chronoscope, Larned.
Citizen, Burns.
Citizen, Fredonia.
Citizen, Howard.
Clipper, Ashland.
Club Member, Topeka.
Comet, Courtland.
Comment, Le Roy.
Commercial, Cedar Vale.
Courant, Cottonwood Falls.
Courant, Howard.
Courier, Kingman.
Courier, Norton.
Courier, Winfield.
Cresset, Medicine Lodge.
Democrat, Abilene.
Democrat, Burlington.
Democrat, McPherson.
Democrat, Mound City.
Dispatch, Clay Center.
Enterprise, Allen.
Enterprise, Alma.
Enterprise, Randolph.
Freeman, McPherson.
Free Press, Hays.
Free Press, Osage City.
Gazette, Beloit.
Gleaner, Longton.
Graduate Magazine, Lawrence.
Greeting, Americus.
Grit, Hamilton.
Guard, Council Grove.
Herald, Burr Oak.
Herald, Eureka.
Herald, Fredonia.
Herald, Humboldt.
Herald (German), Newton.
Herald, Ottawa.
Herald, Pleasanton.
Independent, Oskaloosa.
Interstate Schoolman, Hutchinson.
Index, Medicine Lodge.
Industrialist, Manhattan.
Jacksonian, Cimarron.
Journal, Blue Rapids.
Journal, Emporia.
Journal, Dodge City.
Journal, Garnett.
Journal, Kingman.
Journal, La Cygne.
Journal, Newton.
Journal, Salina.
Journal, Smith Center.
Journal of Osteopathy, Kirksville, Mo.
Kansan, Concordia.
Kansas Children's Home Finder, Topeka.
Kansas Farmer, Topeka.
Kansas Issue, Topeka.
Lance, Sedan.
Leader, Cottonwood Falls.
Leader, Meriden.
Lookout, Cincinnati, Ohio.
Messenger, Eureka.
Mirror, Olathe.
Missionary Link, New York.
Missionary Tidings, Indianapolis, Ind.
Modern Light, Columbus.
Monitor, Leonardville.
Mystic Worker, Fulton, Ill.
Neglected Aravia, New York.
New Era, Hill City.
News, Belle Plaine.
News, Hays.
News, Marysville.
News, Meade.
News, Morrill.
News, Ness City.
News, Republic City.
News, St. John.
News, Thayer.
News, Winona.
News-Democrat, Lyons.
Observer, Pleasanton.
Optimist, Olpe.
People's Voice, Wellington.
Phonographic World, New York.
Pioneer, Smith Center.
Post, Phillipsburg.

WEEKLIES AND MONTHLIES.

Public, Chicago.
Public Opinion, Osage City.
Record, Erie.
Record, Marion.
Record, Russell.
Record, Stockton.
Recorder, Westmoreland.
Recorder, Holton.
Reflector, Abilene.
Reformer, Russell.
Register, Neodesha.
Register, Washington.
Reporter, Ellsworth.
Republic, Junction City.
Republic, Manhattan.
Republic, Mound City.
Republican, Anthony.
Republican, Burlington.
Republican, Clyde.
Republican, Council Grove.
Republican, El Dorado.
Republican, Fort Scott.
Republican, Galena.
Republican, Hays City.
Republican, Jetmore.
Republican, Lincoln.
Republican, McPherson.
Republican, Miami.
Republican, Pratt.
Republican, Wathena.
Review, Moline.
Review, Marion.
Sentinel, Lincoln.
Signal, Greensburg.
Signal, Holton.
Signal, Westmoreland.
Spirit of Missions, New York.
Star, Eskridge.
Star, Olathe.
State Normal Bulletin, Emporia.
Sun, Kelseyville, Cal.
Sun, Glasco.
Sun, Summerfield.
Telegraph, Waterville.
Times, Beloit.
Times, Chanute.
Times, Clay Center.
Times, El Dorado.
Times, Downs.
Times, Emporia.
Times, Esbon.
Times, Wamego.
Times, Westphalia.
Transcript, Easton.
Tribune, Colby.
Tribune, Great Bend.
Tribune, Independence.
Tribune, Seneca.
Union, Pratt.
United Presbyterian, Pittsburg, Pa.
Valve World, Chicago.
Vanguard, St. Louis.
Vindicator, Valley Falls.
Vorwarts, Hillsboro.
Western Advocate, Mankato.

ADDITIONAL PUBLICATIONS.

In addition to the above, the following papers and periodicals are regularly received:

American Chemical Journal, Baltimore, Md.
American Economic Association Quarterly, Princeton, N. J.
American Federationist, Washington, D. C.
American Journal of International Law, New York.
American Journal of Psychology, Worcester, Mass.
American Journal of Religious Psychology and Education, Worcester, Mass.
American Library Association Book-list, Boston, Mass.
American Magazine, New York.
American Naturalist, Chicago.
American Penman, Cedar Rapids, Iowa.
American Physical Education Review, Springfield, Mass.
American Primary Teacher, Boston.
American School Board Journal, New York.
Annals of the American Academy of Political and Social Science, Philadelphia, Pa.
Atlantic Monthly, Boston.
Bay View Magazine, Detroit, Mich.
Book Review Digest, Minneapolis, Minn.
Bookkeeper, Detroit, Mich.
Bookman, New York.
Bulletin of Bibliography, Boston.
Central Law Journal, St. Louis, Mo.
Century, New York.
Chautauquan, Meadville, Pa.
Christian Socialist, Chicago.
Christian Work, New York.
City Hall, Chicago.
Classical Journal, Chicago.
Classical Philology, Chicago.
Classical Weekly, New York.
Collier's Weekly, New York.
Contemporary Review, London.
Country Life in America, New York.
Craftsman, New York.
Current Literature, New York.
Die Woche, Berlin, Germany.
Education, Boston.
Educational Review, New York.
Elementary School Teacher, Chicago.
Etude, Philadelphia, Pa.
Everybody's Magazine, New York.
Forum, New York.
Good Housekeeping, Springfield, Mass.
Harper's Bazaar, New York.
Harper's Monthly, New York.
Harper's Weekly, New York.
Hibbert Journal, New York.
Hygienic and Physical Education, Springfield, Mass.
Independent, New York.
Johns Hopkins University Studies in Political and Historical Science, Baltimore, Md.
Journal of Accounting, New York.
Journal of American History, New Haven, Conn.
Journal of Education, Boston.
Journal of Geology, Chicago.
Journal of Political Economy, Chicago.
Kansas Magazine, Wichita.
Kindergarten Review, Springfield, Mass.
Ladies' Home Journal, Philadelphia.
Leslie's Weekly, New York.
Library Journal, New York.
Library Work, Minneapolis, Minn.
Literary Digest, New York.
Little Folks, Salem, Mass.
Living Age, Boston.
Lyceumite and Talent, Chicago.
McClure's Magazine, New York.
Magazine of History, New York.
Mail and Breeze, Topeka.
Manual Training Magazine, Chicago.
Masters in Art, Boston.

ADDITIONAL PUBLICATIONS.

Mind and Body, Milwaukee.
Modern Language Notes, Baltimore.
Moody's Magazine, New York.
Monist, Chicago.
Musical Courier, New York.
Musician, Philadelphia.
Nation, New York.
National Geographical Magazine, Washington, D. C.
New England Magazine, Boston.
Nineteenth Century, London.
North American Review, New York.
Outing, New York.
Outlook, New York.
Overland Monthly, San Francisco.
Pedagogical Seminary, Worcester, Mass.
Penman's Art Journal, New York.
Phonographic Magazine, Cincinnati, Ohio.
Physical World, New York.
Poet Lore, Boston.
Popular Science Quarterly, Boston.
Popular Science Monthly, New York.
Primary Education, New York.
Psychological Clinic, W. Philadelphia.
Public Libraries, Chicago.
Publishers' Weekly, New York.
Readers' Guide to Periodical Literature, Minneapolis, Minn.
Review of Reviews, New York.
St. Nicholas, New York.
Saturday Evening Post, Philadelphia.
School and Home Education, Bloomington, Ill.
School Arts Book, Worcester, Mass.
School Journal, New York.
School Music Monthly, Keokuk, Iowa.
School Review, Chicago.
School Science and Mathematics, Chicago.
Science, New York.
Scientific American, New York.
Scientific American Supplement, New York.
Scribner's Magazine, New York.
Speaker, Philadelphia.
Success, New York.
Survey, New York.
System, Chicago.
Teachers' Magazine, New York.
Technical World, New York.
Travel Magazine, New York.
Western School Journal, Topeka.
World's Work, New York.
Youth's Companion, Boston.

DAILIES.

Capital, Topeka, Kan.
Constitution, Atlanta, Ga.
Gazette, Emporia.
Post Intelligencer, Seattle, Wash.
Record-Herald, Chicago, Ill.
Republic, St. Louis, Mo.
Star, Kansas City, Mo.
State Journal, Topeka, Kan.
Times, Kansas City, Mo.
Tribune, New York.

Organization.

HOSPITAL FUND.

This fund is provided by the fee of fifty cents per year paid by all students in College and secondary courses. It is used to pay salary of the head nurse, for such emergency hospital supplies as are necessary, and for unavoidable expenses required for proper care of the sick. The hospital fund has met with generous approval and has contributed to better general health and to the comfort of the students.

The hospital fund is administered subject to the following rules:

1. That the responsibility of the nurse extends to the advising of students in cases of mild illness and to the care of more serious cases until other arrangements can be made.
2. That the building be called the "Normal Emergency Hospital," and the fund be designated "Emergency Hospital Fund."
3. That students will be taken from their rooms to the hospital only in cases of emergency.
4. That patients be cared for in the Emergency Hospital no longer than the time necessary to communicate with their parents or friends and arrangements can be made for their safe removal.
5. That patients cared for in the hospital pay day charges at the rate of seventy-five cents a day. This will cover food and simple remedies, but includes neither doctor's fees nor prescriptions.
6. That patients in the Emergency Hospital may call the physician they prefer, and will then be under his care and that of the resident nurse until removed.
7. That cases of contagious diseases be not taken into the Emergency Hospital.
8. That a housekeeper be employed at the Emergency Hospital to care for the house and to furnish meals.
9. That the nurse may have certain hours within which she will make calls.

BOARD AND ROOMS.

Many students are paying as low as $3 for board in private families, while a very few pay as high as $4 a week.

Board in clubs costs from $2.50 to $3 per week. Those who board themselves reduce the cost about one-half. A careful comparison with the cost of living at other schools in the state shows that students demanding the same kind of accommodations live with as little expense here as at any of them. Every effort is made to reduce expenses to the minimum.

Rooms, unfurnished, $2 to $4 per month; furnished, $4 to $10 per month, according to size and conveniences.

It is not necessary to engage rooms before you come. It is always more satisfactory to see what you are engaging before you make definite arrangements. Emporia has so many desirable rooming places that you take no risk in deferring the making of your arrangements until you arrive. The number of new buildings near the Normal is so great as to make keener competition than ever before in rates for room and board.

EMPLOYMENT.

Many of the students find opportunity to earn part of their expenses after being here long enough to become acquainted, and some are earning all their expenses. However, students should come prepared to pay their expenses for a reasonable time. Committees of the Young Men's and Young Women's Christian Associations render good service in finding employment for students. Specific inquiry with regard to this matter may be addressed to the secretaries of the associations—Miss Luella Taylor for the Young Women's, and Mr. Fred E. Weed for the Young Men's.

STUDENT ORGANIZATIONS.

LITERARY SOCIETIES.

The literary societies are a fair index to the progress of the School. The first to be organized was the Lyceum, then followed the Literati, the Belles-Lettres and the Philomathian. For a number of years these were able to care for all the various literary enterprises the students cared to undertake. Each society undertook all lines of work from debate to dramatic art. But as the School grew in numbers and scope of work it was natural that societies suited to the needs of the changed conditions should be organized in addition to the four mentioned.

Dramatic art is now in the hands of the Department of Oral English and each year a play of high order is put on in a manner that only long training makes possible.

Several musical organizations are maintained and are under the general direction of members of the Music Faculty.

Debate seems to have taken the lead, at least as regards the number of organizations. At present there are four separate societies for young men specially interested in this work, namely, the Alpha Senate, the Representative, the Jayhawker, and the Ingalls. There are two organized for the young women, the Omega and the Ionian.

These numerous societies make it possible for all students to find a place to grow along these lines, and intersociety and interstate contests furnish them with incentives to put forth their best efforts.

ATHLETICS.

The interest in all athletics has received a strong impetus from the splendid new physical training building described elsewhere. The number of winning high-school teams throughout the state that are in the care of former Normal students is the best test of the training given in this line of work. The Athletic Association is composed of students, with a board of directors made up of student and Faculty members. Probably in no other school do students receive more in return for the amount given for athletics than here.

THE STATE NORMAL BULLETIN.

The State Normal Bulletin is a student publication issued weekly from September to June. The editor, associate editor and two business managers are elected by the student subscribers.

Y. M. C. A. AND Y. W. C. A.

These are active and earnest organizations. Each maintains devotional meetings on Sunday, brief daily prayer meetings, and gatherings from time to time of a social nature; in short, every phase of committee work characteristic of these organizations is developed in such a way as to make

them most helpful factors in the personal, social and religious life of the School. The Young Women's Christian Association maintains a resident secretary and the Young Men's Christian Association joins with the Associations of the other schools of Emporia to support a resident secretary. Both organizations have student employment committees that have been very successful in aiding students who wish opportunities for self-help.

STUDENTS' LOAN FUND.

The class of 1899 made a gift of $111.60 to be used as a fund for aiding students. The fund was put in the care of a board of trust composed of the president, vice president, and the head of the department of physics and chemistry. Students who are within one year of graduation have preference in securing loans. When their needs have been met other students may secure loans in order of seniority. The plan proved to be satisfactory and several other classes have added to the fund. Following is a statement of the fund to date:

Class of 1899	$111 60
Class of 1900	107 56
Class of 1901	141 65
Class of 1905	27 50
Class of 1908	235 00
Class of 1909	162 96
Total gift	$785 77
Interest to date	294 27
Grand total	$1,080 04

The making of loans is in the hands of the committee above mentioned, of which Prof. T. M. Iden is treasurer. Students interested should report to him.

LECTURES.

A high-class lecture course of five or six numbers has for years been maintained under the general direction of a committee of the Faculty. These courses include from time to time the very best available talent on the American platform for concerts, readings and addresses, selected with special reference to the educational, artistic and inspirational value of their work to the student body. In addition to the regular lecture course, provision is made for addresses from time to time from men and women of note in all lines of intellectual activity on educational and other themes, and the presentation from the platform of the best in the various forms of artistic expression. The broadening of outlook, the stimulus to thought and the growth of appreciation as to fine art and its best forms of expression make the frequent opportunities that are given to hear men and women, great in various lines of achievement, one of the most helpful features of school life.

During the current school year the numbers on the regular lecture course have been : Mr. David Bispham, Cambrian National Glee Singers, Gov. Robert B. Glenn, Dr. Peter MacQueen, and the Flonzaley String Quartet.

CONTESTS.

A series of contests in declamation, essay and debate in which members of the four evening literary societies are participants is annually maintained. Since the publication of the last catalogue the following prizes have been awarded:

The December debate of 1909 was won by Frank Mercer and Lee J. Taylor, of the Belles-Lettres Society.

Lee J. Taylor, of the Belles-Lettres Society, won first place in essay in March, 1910; Mary L. Coleman, of the Philomathian Society, was given second place.

The Oratorical Association, composed of members of the various literary societies, maintains the annual oratorical contest, the winner of which is the representative of the School in the contest under the auspices of the Interstate Oratorical League of Normal Schools. The first place in the last oratorical contest was given to Frank Brown, and the second place to Robert Marley. The last interstate contest was held at Oshkosh, Wis., and Mr. Brown was awarded first place.

The interstate debates of the school year are under the auspices of the Alpha Senate, an organization of men taking special work in debate. A second dual debate was held with Iowa this year. The question was: "*Resolved*, That the United States should establish a parcels post." The team remaining at home, composed of Alvin Good, Fred Meyer and Ray Shuey denied the question, and the team to Iowa, composed of A. L. Cross, Harold Coffman and Leslie Morgan, affirmed it. The decisions were in favor of Iowa at both places.

SOCIETY CONTEST SUMMARY.

	Belles-Lettres.		Literati.		Lyceum.		Philomathian.	
	Date.	Points.	Date.	Points.	Date	Points.	Date.	Points.
DEBATE	June, '04	12	Dec., '05	10	Dec., '03	10	Dec., '04	10
	June, '05	12	June, '07	12	Dec., '06	10	June, '06	12
	Dec., '09	10	Dec., '08	10	June, '08	12	Dec., '07	10
							June, '09	12
DECLAMATION	June, '04	2	June, '05	3	June, '06	2	June, '04	3
	June, '05	2	June, '07	3			June, '07	2
	June, '06	3	June, '08	2			June, '08	3
	June, '09	2	June, '09	3				
ESSAY	Mar., '04	3	Mar., '04	5	Mar., '05	5	Mar., '05	3
	Mar., '06	3	Mar., '08	3	Mar., '06	5	Mar., '07	3
	Mar., '08	5			Mar., '07	5	Mar., '09	5
	Mar., '10	5			Mar., '09	3	Mar., '10	3
PIANO	Dec., '03	2	Dec., '04	2	Dec., '03	1	Dec., '06	2
	Dec., '05	2	Dec., '05	1	Dec., '04	1		
	Dec., '07	1	Dec., '06	1				
			Dec., '07	2				
VOCAL	Mar., '04	1	Mar., '05	2	Mar., '04	2		
	Mar., '05	1	Mar., '06	2	Mar., '06	1		
			Mar., '07	2	Mar., '07	1		
			Mar., '08	1	Mar., '08	2		
Close of school year, 1909–'10		66		64		60		68

SPIRIT OF THE SCHOOL.

The spirit of the School has always been one of cordial and emphatic coöperation between teachers and students, and effort is made to foster such a spirit in every healthful way. In addition to the organizations above mentioned, the various classes have their organizations. Every encouragement is given to independent activity in student enterprises, while

at the same time it is sought to give proper emphasis to that community of interests that joins all—Faculty and students—in one coherent whole. Every student should plan to be an active and helpful member of the school community, as well for his own sake as for the sake of others, and, in estimating his expenses, he should set aside definitely the amounts necessary—not large in the aggregate—for purchase of the lecture-course ticket, membership in the athletic association, class and literary society fees, subscription to student publications, and other phases of participation in the school life as a whole. There is no formal plan of discipline in the State Normal School. The students are an earnest, self-reliant, self-governing body of young men and women, to whom kindly suggestion along proper lines has the force of law, and who are intent upon self-improvement and the attainment of high ideals in conduct and life. The moral and social environment is one into which no young man or woman need hesitate to enter.

POSITIONS AS TEACHERS.

The experience of the past few years has taught us that, with the increased demand for trained teachers, school boards and school principals are turning more and more to the Normal School with their inquiries for efficient teachers. At no time during the past year have there been available candidates with the necessary qualifications to meet all of the demands, and we have been able to place advantageously not only our graduates, but many experienced undergraduate teachers. The authorities of the School are glad to coöperate with school officers and to aid in the discriminating selection of good teachers for the schools. Correspondence, therefore, on this subject is welcome. Students, also, may be assured of our desire to render them courteous and intelligent service in finding positions. The enlargement of opportunity that comes to the growing teacher by attendance upon the State Normal School is by no means a small element of its value to the student. Address all inquiries to Vice President J. H. Glotfelter.

SUMMER SCHOOL.

The summer term is designated the first term of the school year and work is organized in all departments as in the other terms. Credits may be made to apply on the regular course to cover one-fourth of a year's work. The library, laboratories and all buildings are open for the use of students. The fees are the same as for any other term. There are many special features arranged to meet the needs of teachers; teachers' review courses, opportunities for observation in the Model School and in the Model District School, inspirational lectures, a full faculty of specialists, all affording a splendid opportunity for summer work.

FEES.

The school year is divided into five terms of approximately ten weeks each. Unless otherwise stated, fees are to be paid at the beginning of each term and in advance.

INCIDENTAL. All students pay an incidental fee of one dollar per term. This fee is additional to any or all other fees listed below and will not be refunded.

HOSPITAL. Each school year, or fraction thereof, all students in col-

lege or secondary courses pay fifty cents to be used as a fund for the care of the sick. This fee will not be refunded.

NONRESIDENT. Nonresident students pay a fee of five dollars per term additional to any or all other fees.

EXAMINATIONS. Students taking final examinations at other than regular times or when not enrolled in the subject, and students taking entrance examinations at other than regular times, pay a fee of one dollar. Students are not eligible to final examinations in any subjects of the course not taken in class after the close of the first semester of their enrollment, and then only after consultation with, and the consent of, the head of the department in which the work is requested. The privilege of taking final examinations may be given on consultation to students returning to school after an extended absence during the first semester succeeding their return.

ABSENTIA. Students taking work *in absentia* pay a fee of five dollars for each course taken.

LABORATORY. The cost of work requiring laboratory will be based upon the supplies actually consumed.

TYPEWRITER RENT. Students taking typewriting pay two dollars and fifty cents for the use of the machine.

IRREGULAR. Students who specialize to the extent of interfering with the completion in the regular time of the prescribed Normal course will be classed irregular and will be charged at the rate of two dollars for each irregular subject up to a maximum of five dollars, except in commercial subjects, for which see commercial course.

COMMERCIAL COURSE. Students taking the commercial course will pay a fee of ten dollars for full work or four dollars for each subject until the maximum is reached, in addition to the incidental fee.

LIBRARY SCIENCE. Students taking the course in library science will pay a fee of two dollars a subject up to a maximum of five dollars, in addition to the incidental fee.

DOMESTIC SCIENCE. Students taking the course in domestic science will pay a fee of two dollars a subject up to a maximum of five dollars, in addition to the incidental fee, and also in addition a laboratory fee for supplies actually consumed.

The above fees remain the same throughout the year. Hereafter no credit will be given for certificates of enrollment in county institutes.

REFUNDING FEES. Except as otherwise stated, the unused portion of fees will be refunded, or will be credited on future term, only in cases of protracted illness.

For fees in Music Department, see under that head.

Entrance Requirements and Credits.

1. Students who hold county diplomas, or who present other credentials indicating the completion of eighth-grade work, will be admitted to the first year of the Normal secondary course of four years.

2. Students who hold third-grade certificates, or other students over sixteen years of age without high-school credits or other credentials of advanced work, who are candidates for county certificates, and who present sufficient evidence of ability to carry the work, may be assigned to classes especially organized in the branches required for the county certificate examination instead of to the regular classes of the first year of the Normal secondary course. These classes will be organized with a view to the completion of a half unit of credit in each subject, the credits being equivalent, term for term, to the credits made in the regular classes of the Normal secondary course. In the first and fifth terms, teachers' review classes will be organized without promise of credit in the county certificate subjects, including those required for professional and first-grade certificates, for those wishing to take ten-weeks courses to prepare for examination. Following is a suggested order of subjects for those wishing to devote the first year of their Normal secondary course to county certificate preparation:

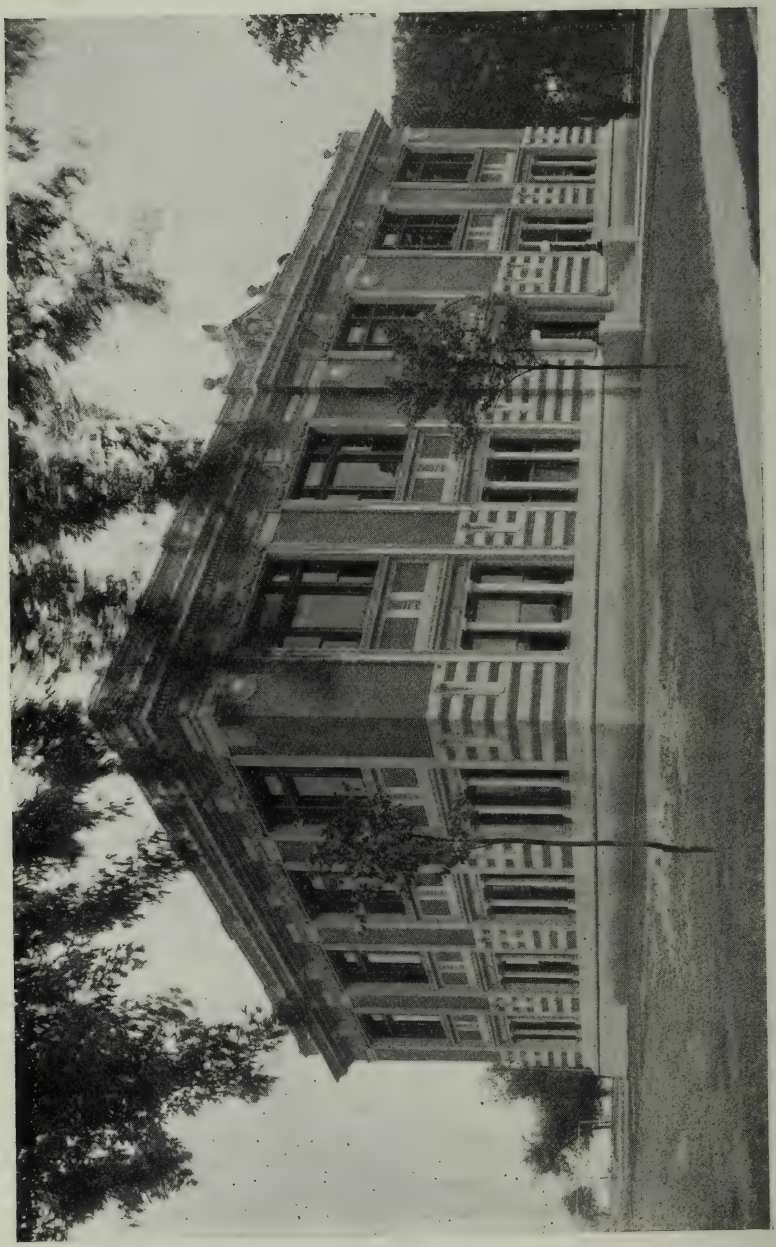
FIRST SEMESTER.	SECOND SEMESTER.
Arithmetic 1 cc.	Physiology 1.
Penmanship 1.	Reading 1.
Grammar and Classics 2cc.	Political Geography 2cc.
American History 1cc.	Rural School Administration 1 cc., or Kansas History and Civics.

3. Students of maturity and experience in teaching, holding certificates of second grade and above, will be admitted to the Normal secondary course of two years for advanced certificate students in all branches in which their certificates or other credentials reveal sufficient proficiency to justify the expectation of strong work. The evidence of this proficiency may be furnished by candidates who desire it by an entrance examination in the second-grade certificate branches. In general, the standard required in a given subject will be a grade of at least eighty per cent upon the second-grade certificate. Holders of professional and first-grade certificates will be admitted to these classes without condition.

4. Graduates of approved four-year high-school courses, completing the required units of the Normal secondary course or their equivalents, will be admitted to the first year of the Normal College, and may complete the course leading to the life diploma in two years, or to the life diploma and the degree in four years.

5. Graduates of approved four-year high-school courses, or their equivalent, with ability to play the piano, and to sing and read music, will be admitted to the Normal kindergarten course, and may complete the course in two years.

6. Students having partial credits in high-school courses will be classified according to their credits in the Normal secondary course, and candidates for advanced standing from other normal schools and colleges will be given credit upon such approved work as is shown to be equivalent to the work included in the various Normal courses.



KELLOGG LIBRARY.

Diplomas and Certificates.

COUNTY EXAMINATION.

Regularly enrolled students of the State Normal School may, upon the payment of the usual examination fee of one dollar, present themselves for examination for county certificates to be conducted under the supervision of the officers of the State Normal School at any time when such an examination is given at any point in the state. The papers in such examination will be sent to any county designated by the applicant, there to be examined by the county board of examiners, who will issue certificates to the successful applicants under the same conditions as if the examination had been conducted under their supervision.

ONE-YEAR CERTIFICATE.

A one-year state certificate is granted to such students of the State Normal School as apply for it, who have been at least twenty weeks in attendance and have completed successfully all the work designated as required for state certificate in either the Normal secondary course of four years or the Normal secondary course for advanced certificate students. This certificate is not renewable.

The prescribed units for the one-year certificate of the four-year Normal secondary course are as follows: English, three units; algebra, one unit; geometry, one unit; arithmetic, one unit; history, two units, one of which must be American history; civics, one-half unit; botany, one unit; geography, one unit; physics, one unit; physiology, one-half unit; drawing, one unit; music, one-half unit; reading, one-half unit; bookkeeping and penmanship, one unit; psychology, one-half unit; school management, one-half unit.

THREE-YEAR CERTIFICATE.

A three-year state certificate may be issued upon completion of one year of work of the life-diploma course, after all the requirements for the one-year state certificate have been met. This year of work must include two hours of credit in either methods or school administration, four hours of psychology, and four hours in teaching. This certificate is not renewable.

MANUAL-TRAINING CERTIFICATE.

The manual-training certificate issued by the Kansas State Board of Education is granted by them to holders of any valid teacher's certificate who have completed courses 1*a* to 8*a* or equivalent, and have completed the requirements for course 9 and the practice teaching in manual training.

KINDERGARTEN CERTIFICATE.

On completion of the kindergarten course—a course of two years, presupposing high-school graduation or its equivalent—a diploma is issued which, in accordance with a law passed by the legislature of 1907, is a certificate valid for kindergarten work in the state of Kansas.

LIFE CERTIFICATE.

On completion of the two-year Normal College course a diploma is issued which, without any further inspection or approval, is a life certificate to teach in the public schools of Kansas, including those of all classes of cities and high schools. Students completing the work in any term of the year are entitled at once to the legal privileges incident to graduation; but, except those completing work in August, are listed with the class of the succeeding June and their diplomas are usually issued at the June commencement. Students completing the work in August will be classed with the class of the preceding June. The roll of the class for graduation is made up at the beginning of the fifth term, nine weeks prior to commencement, and all work except such as is included on the class permit for that term must be completed by that time in order that students may be listed for graduation with the class. Candidates for August graduation should be listed as such one week prior to the commencement exercises in June.

DIPLOMA AND DEGREE.

The completion of the four-year Normal College course entitles the graduate to a diploma and the degree of bachelor of arts (in education). The diploma has the same legal force as a life certificate as the diploma of the two-year Normal College course.

No diploma is granted for less than a year's residence.

Definite arrangements have already been made for the acceptance of students completing this course as graduate students and candidates for higher degrees in representative universities ranking among the very best of this country.

Courses of Study.

The courses of study in the State Normal School are:

1. *The Normal secondary course* of four years, to the first year of which are admitted students holding county diplomas or presenting other credentials indicating the completion of eighth-grade work. This course includes sixteen year-units of work, of which eleven are required, five may be elective; but students who are candidates for the one-year state certificate given upon completion of this course must take the sixteen prescribed units. See under "One-year Certificate."

2. *The Normal secondary course* of two years for advanced certificate students, parallel with the Normal secondary course of four years, and including the same subjects. This course of two years is open to second-grade certificate students or other students of equivalent maturity. The work is so arranged that approximately the requirements of the one-year unit in the Normal secondary course in the various subjects can be met in a semester. The one-hour recitation period is used as in the Normal College classes, and a credit of sixty-four semester hours, or sixteen hours for each semester, is required for its completion. Students satisfactorily completing this course, including the required subjects, are also entitled to a one-year state certificate.

Holders of first-grade and professional certificates may be given a conditional half credit in the required semester's work in arithmetic, geography, American history and English grammar if their certificate grades in these subjects are over ninety per cent, but in no case is a full credit given on any subject on the basis of the grade on a county teachers' certificate.

3. *The Normal College course* of two years, leading to the life diploma. Including the four-hour requirement in physical training, sixty-four semester hours' credit is required for the completion of this course. The subjects included are as follows: General psychology, four hours; child psychology, two hours; methods, two hours; teaching, six hours; history of education, two hours; biology, four hours; physiology, two hours; physical training theory, two hours; geography, two hours; English, four hours; elocution and public speaking, four hours; American history, two hours; drawing, two hours; music, two hours; elective, twenty hours.

4. *The Normal College course* of four years, leading to the life diploma and the degree of bachelor of arts (in education). Including the four-hour requirement in physical training, a credit of one hundred and twenty-four semester hours is required for graduation. Of this credit thirty hours must be in some selected major, and fifty-eight is prescribed in general pedagogy and other departments as follows: Psychology, ten hours; methods or school administration, four hours; teaching, eight hours; history of education, six hours; philosophy of education, two hours; biology, four hours; physical science, four hours; physical training theory, two hours; physical training, four hours; mathematics, four hours; English, six hours; public speaking, two hours; history, four hours. The remaining work is free elective. The thirty hours of major work may be in one department or, by consent of the heads of departments concerned, in

courses grouped from two or more related departments. In departments in which there is a certain amount of prescribed work for all students the prescribed work is considered as included in the thirty hours of the major, except in general pedagogy where twenty hours in addition to the work above prescribed is regarded as completing a major. The head of the department in which most of the major work is to be done is regarded as the advisor of the student in the choice and arrangement of electives.

Students completing the work of the Normal secondary course or its equivalent, and high-school graduates presenting sixteen approved units of credit, are admitted to the first year of either of the above College courses. Students admitted to the Normal College courses who have not completed in the Normal secondary course all the units prescribed for the one-year certificate are required to do equivalent work in College classes in the same subjects. This work will be counted as College credit, but the requirement will operate to reduce the number of hours of elective work that may be taken in the College course.

5. *The Normal kindergarten course.* Students completing two years, sixty-four hours, of selected work above the Normal secondary course in kindergarten theory and practice and related subjects will be entitled to the kindergarten diploma, which by law is a certificate valid for kindergarten in the state of Kansas.

Of this sixty-four hours the subjects included are as follows: Psychology, six hours; history of education, four hours; methods, four hours; music, two hours; drawing, four hours; physical training, two hours; biology, four hours; English, two hours; library science, two hours; kindergarten, eighteen hours; twelve hours' additional work must be elected. Students may by proper election complete the work for the one-year or the three-year state certificates at the time of completing the kindergarten course.

The completion of the following courses in addition will entitle the student who has met the above certificate requirements to the four-year life diploma as well as the kindergarten diploma: Physiology, two hours; elocution, two hours; geography, two hours; American history, two hours; public speech, two hours; English, two hours.

THE NORMAL SECONDARY COURSE OF FOUR YEARS.

Arranged by years, with suggested groups of electives.

	First year.	Second year.	Third year.	Fourth year.
Required for all courses.	English 2 and 3. Algebra 1 and 2. Botany 1 and 2. *English 1.	English 4 and 5. Geometry 1 and 2. General History 1 and 2. †Library Science 1.	English 6. Arithmetic 1. Physiology 2. Geography 1. American Hist. 1 and 2.	English 7. Physics 1 and 2. Civics 1.
Additional for one-year certificate course.	Penmanship 1. Bookkeeping 1.	Drawing 1. Reading 1.	Drawing 2. Music 1.	Psychology 1. Sch. Adm. 1, or Methods 1. Geography 2. Arithmetic 2.
Additional for Latin course.	Latin 1 and 2.	Latin 3 and 4.	Latin 5 and 6.	Latin 7 and 8.
Additional for modern language course.	German 1 and 2, or French.	German 3 and 4, or French.	German 5 and 6, or French.	German 7 and 8, or French.
Additional for speech arts course.		Reading 1.	Reading 2.	Debating. Lit. Soc. and Par. Law.
Additional for commercial course.	Penmanship 1. Bookkeeping 1.	Typewriting 1. Com. Arith. 1.	Stenography 1 and 2.	Com. Geog. 1. Com. Law 1.
Additional for scientific course.		Zoology 1 and 2.	Botany 3. (Agricultural.) School Science 1. (Nature Study.)	Chemistry 1.
Additional for mathematical course.			Algebra 3 and 4.	Geometry 3.
Additional for manual training or domestic science course.	Manual Tr. 1 and 2 (Drawing and Design). Household Art 1 and 2.	Manual Tr. 3 and 4 (Woodworking). Household Art 3 and 4.	Manual Tr. 5 and 6 (Joinery and Cabinet Making). Household Science 1 and 2.	Manual Tr. 7 and 8 (Wood Carving). Household Science 3 and 4.
Additional for history course.		General Hist. 4 and 5.	General Hist. 8 and 9.	General Hist. 6 and 7.

*Required of all students, and including two recitations weekly for a term. Not formally listed for credit.

†Library science 1, one recitation weekly for a term.

NORMAL SECONDARY COURSE FOR ADVANCED CERTIFICATE STUDENTS.

Arranged by semesters, with suggested groups of electives.

	First semester.	Second semester.	Third semester.	Fourth semester.
Required for all courses.	English 2*a* and 2*b*. Algebra 1*a* and 2*a*. Botany 1*a* and 2*a*. * English 1.	English 3*a* and 4*a*. Geometry 1*a* and 2*a*. † Library Science 1. Gen. Hist. 1*a* and 2*a*.	Arith. 1*a*. Physiology 2*a*. Geography 1*a*. Amer. Hist. 1*a* and 2*a*. English 5*a*. (1)	English 5*a*. (2) Physics 1*a* and 2*a*. Gov't 1*a*.
Additional for one-year certificate course.	Penmanship 1*a*. Bookkeeping 1*a*.	Reading 1*a*. Drawing 1*a*.	Drawing 2*a*. Music 1*a*.	Psychology 1*a*. Sch. Adm. 3 or Methods 1*a*. Arith. 2*a*. Geography 2*a*.
Additional for Latin course.	Latin 1*a*.	Latin 2*a*.	Latin 3*a*.	Latin 4*a* (5*a* and 6*a*).
Additional for modern language course.	German 1*a*, or French.	German 2*a*, or French.	German 3*a*, or French.	German 4*a* (5*a* and 6*a*), or French.
Additional for speech arts course.		Reading 1*a*. Oral Comp.	Reading, 2*a*.	Debating. Lit. Soc. and Par. Law.
Additional for commercial course.	Penmanship 1*a*. Bookkeeping 1*a*.	Typewriting 1*a*. Com. Arith. 1*a*.	Stenography 1*a* and 2*a*.	Com. Geog. 1*a*. Com. Law 1*a*.
Additional for scientific course.		Zoology 1*a* and 2*a*.	Botany 3*a* (Agricultural). School Science 1*a* (Nature Study).	Chemistry 1*a*.
Additional for mathematical course.			Algebra 3*a* and 4*a*.	Geometry 3*a*.
Additional for manual-training or domestic science course.	Man. Tr. 1*a* and 2*a* (Drawing and Design). Household Art 1 and 2.	Man. Tr. 3*a* and 4*a* (Woodworking). Household Art 3 and 4.	Man. Tr. 5*a* and 6*a* (Joinery and Cabinet Making). Household Science 1 and 2.	Man. Tr. 7*a* and 8*a*. (Wood Carving). Household Science 3 and 4.
Additional for history course.		General Hist. 4*a* and 5*a*.	General Hist. 8*a* and 9*a*.	General Hist. 6*a* and 7*a*.

* Required of all students, and including two recitations weekly for a term. Not formally listed for credit.

† Library science 1. One recitation weekly for a term.

NORMAL COLLEGE TWO-YEAR COURSE.

Arranged by semesters.

First semester.	Second semester.	Third semester.	Fourth semester.
Methods 1*a*, or School Administration 1*a* or 3. Teaching 1.	Psychology 2 and 3.	Teaching 2 and 3.	Psychology 4. History of Ed. 1.
Zoology. Elect from 2 and 4, 3 and 4, or 4 and Botany 3.	Physiology 3. Physical Training 1.	Geography 4. American History. Elect 1 course from 4, 7, 10. Physical Training 2.	English 8, and 1 course from 9, 13, 14, 15, 16.
Oral English 3. Physical Training 2.	Drawing 3. Physical Training 2.	Public Speech. Elect 1 course from 4, 5, 6, 7, 9.	Music 2. Physical Training 2.
Electives. 5 hours.	Electives. 5 hours.	Electives. 5 hours.	Electives. 5 hours.

NORMAL COLLEGE FOUR-YEAR COURSE.

Suggested arrangement by semesters.

	First semester.	Second semester.	Third semester.	Fourth semester.
General.	Zoology. Elect from 2 and 4, 3 and 4, or 4 and Botany 3. Physical Tr. 2.	Physical Training 1. Algebra 3. Physical Tr. 2.	Public Speaking. Elect 1 course from 4, 5, 6, 7, 9. History 2 hours, either American or European. Physical Tr. 2.	English 8 and 9 or 10. Physical Tr. 2.
Pedagogy.	School Administration 3. Teaching 1.	Psychology 2 and 3.	Teaching 2 and 3.	Psychology 4. History of Education 1.
Major.	4 hours.	4 hours.	4 hours.	4 hours.
Elective.	3 hours.	3 hours.	3 hours.	3 hours.
	Fifth semester.	Sixth semester.	Seventh semester.	Eighth semester.
General.	English 9 or 10. Trigonometry 1.	4 hours from Chemistry 1, 2, 3, 4, 5, and Physics 3, 4, 5 and 6.	History 2 hours, either American or European.	
Pedagogy.	School Adm. Elect 1 course from 2, 3, 4 and 5. Psychology. Elect 1 course from 5 to 12 inclusive.	History of Ed. Elect 2 courses from 2, 3, 4, 5, 6 and 7.	Philosophy of Ed. 1.	Teaching 4.
Major.	4 hours.	4 hours.	3 hours.	3 hours.
Elective.	3 hours.	3 hours.	8 hours.	10 hours.

KINDERGARTEN COURSE OF TWO YEARS.

Arranged by semesters.

First semester.	Second semester.	Third semester.	Fourth semester.
Botany 1*a*.	Psychology 2.	Psychology 3.	History of Education 1.
Library Science 5.	Drawing 3.	Zoology 1*a*.	English 14.
Music 4.	Drawing 4.	Psychology 4.	History of Education 3.
Principles and Method in Kindergarten 1.	Methods 3.	Methods 1*a*.	Physical Training 1.
	Principles and Method in Kindergarten.	Theory and Practice in Kindergarten.	

Kindergarten technics one hour per week during first and second semesters.

Froebel's educational theory one hour per week during third and fourth semesters.

Study of the kindergarten program one hour per week during the first, second, third and fourth semesters.

Additional to secure the life diploma as well as the kindergarten diploma: Physiology 3, elocution 3, geography 4, American history 4, 7 or 10, public speech 4, 5, 6, 7, 9, English 8.

ARTS.

DRAWING.

Normal Secondary Course.

Required. For one-year state certificate and all life-diploma courses.

Course 1. Free-hand drawing.

Course 2. Free-hand drawing, advanced, or

Courses 1*a* and 2*a*. Free-hand drawing for advanced certificate students.

Elective (none).

Normal College Two-year Course.

Required.

Course 3. Free-hand drawing and water colors, 2 hours.

Elective.

Course 4. Drawing and handwork for primary teachers, 4 hours, third and fourth terms.

Course 5. Picture-study in the grades, 2 hours, fifth term.

Course 6. Methods, 2 hours.

Course 7. Design, 4 hours.

Course 8. History of painting, 4 hours.

Course 9. History of architecture, 2 hours.

Course 10. History of sculpture, 2 hours.

Course 11. Clay modeling, 2 hours.

Course 12. Advanced clay modeling, 2 hours.

Course 13. Charcoal, and monochrome wash drawing, from the cast and still life, 4 hours.

Course 14. Water-color landscape, fruit, flowers, and still life, 4 hours.

Course 15. Mechanical perspective, 2 hours.

Course 16. Basketry, 2 hours.

DRAWING—*continued:*

Normal College Four-year Course.

Required (none).

Elective. All courses elective in the Normal College two-year course.

Required for special certificate, courses 1 to 6, inclusive.

Required for a major in drawing, above requirement for life-diploma course, courses 6, 7, 8, 9, 13, 14, 15 and course 1*a* in manual training. The student is free to select from the other courses to complete the major.

HOME ECONOMICS.

Normal Secondary Course.

Required (none).

Elective.

Household Art.

Course 1. Hand sewing.
Course 2. Machine work.
Course 3. Dressmaking.
Course 4. Art for the house.

Household Science.

Course 1. Cooking.
Course 2. Cooking.
Course 3. Dietetics.
Course 4. The house.

Normal College Two-year Course.

Required (none).

Elective. All courses in household art and household science as described above.

Normal College Four-year Course.

Required (none).

Elective. All courses in household art and household science as described above.

MANUAL TRAINING.

Normal Secondary Course.

Required (none).

Elective.

Course 1. Mechanical drawing.
Course 2. Constructive design.
Course 3. Elementary woodwork.
Course 4. Advanced woodwork.
Course 5. Joinery.
Course 6. Cabinet making.
Course 7. Wood carving.
Course 8. Advanced wood carving.
Courses 1*a* to 8*a*, corresponding to the above, 2 hours each, for advanced certificate students.

Normal College Two-year Course.

Required (none).

Elective.

Courses 1*a* to 8*a*, and
Course 9. Theory and practice, 2 hours.

MANUAL TRAINING—*continued:*

Normal College Four-year Course.

Required (none).

Elective.

Courses 1*a* to 8*a*, and

Course 9, as described above.

Manual training certificate.

Required.

A valid certificate to teach.

Manual training courses 1 to 9, or 1*a* to 8*a* and 9.

Practice teaching in manual training in the Model School.

Elective. For grade certificate, clay modeling and basketry (drawing 11 and 16) may be substituted for advanced work in wood.

BIOLOGICAL SCIENCES.

BIOLOGY AND GEOLOGY.

Normal Secondary Course.

Required.

Physiology.

Course 2. General physiology. Given each semester.

Course 2*a*. General physiology. Given each term.

Plant Biology.

Course 1. Field botany. Given second and fifth terms.

Course 1*a*. Field botany. Given first, second and fifth terms.

Course 2. Plant life. Given third and fourth terms.

Course 2*a*. Plant life. Given third and fourth terms.

Elective.

Physiology.

Course 1. Elementary physiology. Given each semester.

Plant Biology.

Course 3. Agricultural botany.

Course 3*a*. Agricultural botany.

School Science.

Course 1. Nature study. Offered second term.

Course 1*a*. Nature study. Offered first term.

Zoölogy.

Course 1. Agricultural zoölogy. Given first semester.

Course 1*a*. Agricultural zoölogy. Given second and fifth terms.

Course 2. Field zoölogy. Given second and fifth terms.

Course 2*a*. Field zoölogy. Given second and fifth terms.

Course 3. Animal life. Given third and fourth terms.

Course 3*a*. Animal life. Given third and fourth terms.

Normal College Two-year Course.

Required. 6 hours.

Physiology.

Course 3. General physiology, 2 hours. Given each term.

BIOLOGY AND GEOLOGY—*continued:*

Normal College Two-year Course.

Required. 6 hours.

Zoölogy.

Courses 2 and 4 (field and systematic), 4 hours, or
Courses 3 and 4 (animal life and systematic), 4 hours, or
Course 4 and course 3 of botany, 4 hours, when the unit of zoölogy has been elected in the Normal secondary course or in an accredited high school. Course 4 zoölogy will be given the first, third, fourth and fifth terms; course 3 botany will be given the first, second and fifth terms.

Elective.

Subjects elected in the secondary course which may be counted for graduation in the College two-year course, 8 hours.

School Science.

Course 1. Nature study.

Zoölogy.

Course 1. 2 hours. Given second and fifth terms.
Course 2. 2 hours. Given the first, second and fifth terms.
Course 3. 2 hours. Given third and fourth terms.

Geology.

Courses 1 and 2. General geology, 4 hours. Given first, second and third terms.

Normal College Four-year Course.

Required. 4 hours.

Zoölogy.

Courses 2 and 4, 4 hours, or
Courses 3 and 4, 4 hours, or
Course 4 and course 3 of botany, 4 hours, when the unit of zoölogy has been elected in the Normal secondary course or in an accredited high school.

Elective. Twenty-six hours may be counted for graduation in two- or four-hour courses as indicated.

Animal Biology.

Course 5. Embryology and development, 2 hours. Given fourth term.
Course 6. Evolution, 2 hours. Given fifth term.

Geology.

Courses 1 and 2. General geology, 4 hours. Given first, second and third terms.
Courses 3 and 4. Geology of Kansas, 4 hours. Given fourth and fifth terms.

Physiology.

Course 3. General physiology, 2 hours. Given each term.
Course 4. Alimentation, 2 hours. Given second term.
Course 5. Dietetics, 2 hours. Given third term.
Course 6. Personal hygiene, 2 hours. Given fourth term.
Course 7. Diagnosis and treatment of disease, 2 hours. Given first and fifth terms.

BIOLOGY AND GEOLOGY—*continued:*

Normal College Four-year Course.

Elective.

Plant Biology.

Course 4. Cryptogams and phanerogams, 2 hours. Given first and second terms. May be counted when course 5 has been taken.

Course 5. Phylogenetic development, 2 hours. Given first and second terms.

Course 6. Structures and evolution, 2 hours. Given third term.

School Science.

Course 1. Nature study, 2 hours. Given first term.

Course 2. History of science, 2 hours. Given third term.

Course 3. Science teaching, 2 hours. Given fourth term.

Zoölogy.

Course 1. 2 hours. Given second and fifth terms.

Course 2. 2 hours. Given first, second and fifth terms.

Course 3. 2 hours. Given third and fourth terms.

Electives from other departments, 8 hours: General chemistry 4 hours; advanced general psychology, 4 hours.

COMMERCE.

Normal Secondary Course.

Required. For one-year state certificate and all life-diploma courses.

Bookkeeping.

Course 1.

Course 1*a*. For advanced certificate students.

Penmanship.

Course 1.

Course 1*a*. For advanced certificate students.

Elective.

Bookkeeping.

Course 2.

Course 3.

Course 4.

Course 2*a*.

Course 3*a*.

Course 4*a*.

Commercial Geography.

Course 3.

Course 3*a*.

Commercial Law.

Course 1.

Course 2.

Course 1*a*.

Course 2*a*.

Normal Secondary Course—continued:

Elective.

Stenography.

Course 1.
Course 2.
Course 3.
Course 4.
Course 1*a*.
Course 2*a*.
Course 3*a*.
Course 4*a*.

Typewriting.

Course 1.
Course 2.
Course 1*a*.
Course 2*a*.

Normal College Two-year Course.

Required (none).

Elective. Any work of the secondary course not previously taken and

Penmanship.

Course 2. 1 hour.

Typewriting.

Course 3. 2 hours.

Normal College Four-year Course.

Required (none).

Elective. Any work of the secondary course not previously taken and

Accounting.

Course 5. 2 hours.
Course 6. 2 hours.
Course 7. 2 hours.
Course 8. 2 hours.

Business Organization.

Course 1. 2 hours.

Commercial Law.

Course 3. 4 hours.

Commercial and Financial History.

Course 1. 4 hours.
Course 2. 4 hours.

Penmanship.

Course 2. 1 hour.

Stenography.

Course 5. 2 hours.

Transportation.

Course 1. 4 hours.

Typewriting.

Course 3. 2 hours.

Students who major in commerce may select a part of their major studies from the department of economics and political science, such selections to be made under direction of the head of the department of commerce.

ENGLISH.

Normal Secondary Course.

Required. 3 units.

Course 1. Mechanics in English. No credit.
Course 2*c*. English grammar and classics.
Course 2. Progressive course in English, part I, and reading course.
Course 3. Progressive course in English, part I finished, and reading course.
Course 4. Progressive course in English, part II, and reading course.
Course 5. Progressive course in English finished, and English grammar.
Course 6. History of literature.
Course 7. History of literature.

Normal Secondary Course for Advanced Certificate Students.

Required.

Course 2*a*. English classics, 2 hours.
Course 2*b*. English grammar, advanced, 2 hours.
Course 3*a*. English composition, 2 hours.
Course 4*a*. Rhetoric and composition, 2 hours.
Course 5*a*. History of literature and reading course, 4 hours.

Normal College Two-year Course.

Required.

Course 8. Rhetoric and composition, 2 hours, and
Course 9. Drama, with special reference to Shakespeare, unless taken in Department of Speech Arts. One-half course. 2 hours, or
Course 13. The short story. A reading and constructive course. 2 hours, or
Course 14. Myth and story. Arranged to correlate with kindergarten and primary work. 2 hours, or
Course 15. English language. Teachers' training course. 2 hours, or
Course 16. Literature. Selected to correlate with nature study and with history for teachers of grammar grades. 2 hours.

Elective (with the sanction of the head of the department).

Course 10. Nineteenth century literature, 4 hours.
Course 11. Rhetoric—literary composition, 2 hours, or theme work, 2 hours.
Course 12. Rhetoric—logical composition, 2 hours.
Course 17. Rise and development of English drama previous to Shakespeare. Seminar. 4 hours.
Course 18. Lyric poetry. Seminar. 4 hours.
Course 19. Epic poetry. Will correlate with Latin and German courses. Seminar. 4 hours.
Course 20. History and development of the modern essay, 4 hours.
Course 21. Literary study of the Bible, 1 hour.
Course 22. American literature. Seminar. 3 hours.
Course 23. Alfred Tennyson. Seminar. 2 hours.
Course 24. Robert Browning. Seminar. 2 hours.
Course 25. Rise and development of the English novel. Seminar. 4 hours.
Course 26. Chaucer. Seminar. 4 hours.

Normal College Four-year Course.

Required.

Course 8. Rhetoric and composition, 2 hours, and

Course 9. Drama, with special reference to Shakespeare, unless taken in the Department of Speech Arts, 4 hours, or

Course 10. Nineteenth century literature, 4 hours.

Elective.

Courses 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, as described under the Normal College two-year course.

Students electing English as a major are requested to arrange their course with the head of the department at an early date.

GENERAL PEDAGOGY.

GENERAL AND APPLIED METHODS.

Normal Secondary Course.

Required. For one-year state certificate and all life-diploma courses.

Course 1. General methods, or School Administration 1.

Course 1*a*. General methods, or School Administration 3. For advanced certificate students.

Normal College Two-year Course.

Required.

Course 1*a*. General methods, if school administration has been taken in Normal secondary course.

Elective.

Course 2. Primary methods.

Course 3. Kindergarten methods.

Normal College Four-year Course.

Required.

Course 1*a*. General methods, if school administration has been taken in Normal secondary course.

Elective.

Course 2. Primary methods.

Course 3. Kindergarten methods.

HISTORY OF EDUCATION.

Normal Secondary Course.

Required (none).

Elective (none).

Normal College Two-year Course.

Required.

Course 1. History of education, 2 hours.

Elective.

Course 2. History of education, advanced, 2 hours.

Course 3. Evolution of primary education, 2 hours.

Course 4. Educational classics, 2 hours.

Course 5. Foreign school systems, 2 hours.

Course 6. American school systems, 2 hours.

Course 7. School hygiene, 2 hours.

Normal College Four-year Course.

Required.

Course 1. History of education, 2 hours, and two courses from courses 2 to 7, inclusive.

Elective. Other courses from 2 to 7, inclusive, not elected, to make requirement of six hours.

PSYCHOLOGY AND PHILOSOPHY.

Normal Secondary Course.

Required. For one-year state certificate and all life-diploma courses.

Course 1. Elementary psychology.

Course 1*a*. Elementary psychology.

Elective (none).

Normal College Two-year Course.

Required.

Courses 2 and 3. General psychology, 4 hours.

Course 4. Child psychology, 2 hours.

Elective.

Psychology.

Course 5. Comparative psychology, 2 hours.

Courses 6 and 7. Advanced psychology, 4 hours.

Course 8. Psychology of religion, 2 hours.

Course 9. Social psychology, 2 hours.

Course 10. Psychology of adolescence, 4 hours.

Course 11. Abnormal psychology, 2 hours.

Course 12. Applied psychology, 2 hours.

Philosophy.

Course 1. Philosophy of education, 2 hours.

Course 2. History of ancient philosophy, 2 hours.

Course 3. History of modern philosophy, 2 hours.

Course 4. Philosophical systems, 2 hours.

Course 5. Problems in modern philosophy, 2 hours.

Course 6. Logic, deductive and inductive, 2 hours.

Course 7. Ethics, 2 hours.

Course 8. Metaphysics, 2 hours.

Normal College Four-year Course.

Required.

Psychology.

Courses 2 and 3. General psychology, 4 hours.

Course 4. Child psychology, 2 hours.

Philosophy.

Course 1. Philosophy of education, 2 hours, and one course from the electives in the Normal College two-year course, of 2 hours, to make up the 10 hours required in psychology and philosophy.

Elective.

Any courses in psychology and philosophy not previously elected.

SCHOOL ADMINISTRATION.

Normal Secondary Course.

Required.

Course 1. If course 1, general methods, is not taken.

Course 3. If methods 1*a* is not taken.

Elective.

Course 1. Rural school administration.

Course 2. School law.

Course 3. Grades school administration. For advanced certificate students.

SCHOOL ADMINISTRATION—*continued:*

Normal College Two-year Course.

Required.

Course 1. Rural school administration, 2 hours, or

Course 3. Grades school administration, if general methods has been elected in secondary course.

Elective.

Course 2. School law, 2 hours.

Course 3. Grades school administration, 2 hours.

Course 4. School supervision, 2 hours.

Course 5. Problems of secondary schools, 2 hours.

Normal College Four-year Course.

Required.

Course 3. Grades school administration, 2 hours, and one course from courses 1, 2, 4, 5.

Elective.

Courses 1, 2, 4, 5.

TEACHING.

Normal College Two-year Course.

Required.

Courses 1, 2 and 3, 2 hours each.

Elective (none).

Normal College Four-year Course.

Required.

Courses 1, 2, 3 and 4, 2 hours each.

Elective (none).

GEOGRAPHY.

Normal Secondary Course.

Required. Required for one-year state certificate and all life-diploma courses.

Course 1. Physiography. Given each semester, or

Course 1*a*. Physiography. For advanced certificate students.

Course 2. Political geography. Given each semester.

Course 2*a*. Political geography. For advanced certificate students.

Elective.

Course 3. Commercial geography. Given each semester.

Course 3*a*. Commercial geography. For advanced certificate students.

Normal College Two-year Course.

Required.

Course 4. Intensive study of Europe, 2 hours. Given each term.

Elective.

Course 5. Advanced physiography, 2 hours. Given each term.

Course 6. Meteorology, 2 hours.

Course 7. Ethnology, 2 hours.

Course 8. Climatology, 2 hours.

Normal College Four-year Course.

Required (none).

Elective. (12 hours may be counted for graduation.)

Courses 3 to 8, inclusive, as described above.

Additional subjects to complete the major in this department may be elected, as advised, from the departments of American history, European history, biology and geology and physics and chemistry.

HISTORY.

AMERICAN HISTORY AND GOVERNMENT.

Normal Secondary Course.

American History.

Required.

Course 1. 1492-1800.
Course 1*a*. 1492-1800.
Course 2. 1800-1900.
Course 2*a*. 1800-1900.

Elective.

Course 4. 1492-1607.
Course 7. Social, economic and institutional history of the American colonies.
Course 10. 1789-1817.

Government.

Required.

Course 1.
Course 1*a*.

Elective.

Course 4. Constitutional law.
Course 6. National administration.

Normal College Two-year Course.

Required. 2 hours. Choice may be made from the following if not previously elected in the Normal secondary course.

American History.

Course 4 (as stated above), 2 hours.
Course 7 (as stated above), 2 hours.
Course 10 (as stated above), 2 hours.

Government.

Course 4 (as stated above), 2 hours.
Course 6 (as stated above), 2 hours.

Elective. Any courses not otherwise elected.

Normal College Four-year Course.

Required. 4 hours.

Four hours must be taken in history. It may be all in either one of the two history departments, or it may be divided between them. Courses to be taken will be determined upon consultation with the head of the department.

Elective. Any courses not otherwise elected, and

American History.

Course 3. Kansas history, 2 hours.
Course 4 (as above stated), 2 hours.
Course 5. History of New England, 2 hours.
Course 6. History of Middle and Southern colonies, 2 hours.
Course 7 (as above stated), 2 hours.
Course 8. The American Revolution, 2 hours.
Course 9. Political history of American nation under the articles of confederation, 2 hours.
Course 10 (as above stated), 2 hours.
Course 11. Constitutional history, 1817-1845, 2 hours.
Course 12. History of the Southern states, 2 hours.
Course 13. History of the West, 2 hours.

AMERICAN HISTORY AND GOVERNMENT—*continued:*

Normal College Four-year Course.

Elective.

American History.

Course 14. Constitutional history, 1845-1860, 2 hours.
Course 15. The Rebellion, 1861-1865, 2 hours.
Course 16. Reconstruction, 1865-1876, 2 hours.
Course 17. Political history since 1877, 2 hours.
Course 18. The diplomacy of expansion, 2 hours.
Course 19. History of political parties, 2 hours.
Course 20. The history of the tariff, 2 hours.
Course 21. The great religious movements in America, 2 hours.
Course 22. The teaching of American history, 2 hours.
Course 23. Seminary course—colonial, 2 hours.
Course 24. Seminary course—constitutional, 2 hours.

Government.

Course 2. Municipal government, 2 hours.
Course 3. State government, 2 hours.
Course 4 (as stated above), 2 hours.
Course 5. Comparative constitutional law, 2 hours.
Course 6 (as stated above), 2 hours.
Course 7. International law, 2 hours.
Course 8. American treaties, 2 hours.
Course 9. Seminary, 2 hours.
Course 10. Current governmental problems, 2 hours.

Major. In most high schools the teacher of history is required to teach all the classes in European and in American history, in economics, and in government. For this reason, a large per cent of our students interested in this line of work prefer to elect their major simply as history. For such the following courses are required:

Department of American History and Government.
American history. Courses 5 or 7, 8 or 9, 10, 16 or 17.
Government. Courses 2, 5 or 6.

Department of European History and Economics.
European history and government. Courses 5, 6, 7, 9, 14.
Economics and sociology. Four hours from the following: Economics, 1, 2, sociology, 1, 2.

Four hours free elective may be taken in either department or divided between the two departments.

Courses required for a major in the Department of American History and Government:

Major in *American History and Government.*
American history. Courses 7, 9, 10, 11, 14, 16, 22, 23 or 24, or government 9.
Government. Courses 2 or 3, 5, 6 or 7.
European history and government. Course 6.
Economics. Courses 1, 6.
English. Course 22.

Major in *Government.*
Government. Courses 2, 3, 4, 5, 6, 7, 9, 10.
American history. Courses 8 or 14, 9 or 16, 19, 20.
European history and government. Course 14.
Economics. Course 1.
Sociology. Course 1 or 2.

EUROPEAN HISTORY AND ECONOMICS.

Normal Secondary Course.

Required.

Course 1. Ancient history.
Course 1*a*. Ancient history for advanced certificate students.
Course 2. Medieval and modern history.
Course 2*a*. Medieval and modern history for advanced certificate students.

Elective.

Course 3. History of Greece.
Course 3*a*. History of Greece.
Course 4. History of Rome.
Course 4*a*. History of Rome.
Courses 5 and 6. History of England.
Courses 5*a* and 6*a*. History of England.
Course 7. Medieval history.
Course 7*a*. Medieval history.
Course 9. Modern history.
Course 9*a*. Modern history.

Normal College Two-year Course.

Required (none).

Elective. Courses 3, 4, 5 and 6, 7 and 9, as above, and

History.

Course 8. Medieval institutions, 2 hours.
Course 10. The Reformation, 2 hours.
Course 11. The French Revolution and Napoleonic era, 2 hours.
Course 12. The nineteenth century, 2 hours.
Course 13. The teaching of history, 2 hours.
Course 14. Introduction to political science, 2 hours.
Course 15. The constitutional history of England, 2 hours.
Course 16. The government of England, 2 hours.
Course 17. European governments, 2 hours.
Course 18. Municipal government in Europe, 2 hours.
Course 19. International law, 2 hours.

Economics.

Courses 1 and 2. General economics, 4 hours.
Course 3. Money, banking and finance, 2 hours.
Course 4. Public finance, 2 hours.
Courses 5 and 6. Industrial history and organization, 4 hours.
Course 7. Labor problems, 2 hours.
Course 8. Economic seminar, 2 hours.

Sociology.

Courses 1 and 2. General sociology, 4 hours.
Courses 3 and 4. Sociological seminar, 2 or 4 hours.

Normal College Four-year Course.

Required. Four hours must be taken in history. It may be all in either one of the two history departments, or it may be divided between them.

Elective. Any of the courses mentioned under the Normal College two-year course as elective.

EUROPEAN HISTORY AND ECONOMICS—*continued:*

Major (30 hours). Students majoring in the Department of European History and Economics will be divided into two classes: Those wishing to do the greater part of their work in European history and government will take the European history major, and those wishing to begin specialization in economics and sociology will take the economics major.

All students majoring in the department will take the whole of the courses listed in group I, or acceptable substitutes (except students of the first class, who may substitute 10, 11, or 12 for course 9). Also, six hours must be taken in the department of American history and government, to be chosen in consultation with the head of the majoring department.

Students preferring the European history major will take 10, 11 and 12 and 16 and 17 from group II in addition. Those preferring the economics major will take eight hours additional from group III, to be chosen in consultation with the head of the department.

Group I.

Courses 5 and 6. English history, 4 hours.
Course 7. Medieval history, 2 hours.
Course 9. Modern history, 2 hours.
Course 14. Introduction to political science, 2 hours.
Courses 1 and 2. General economics, 4 hours.
Course 1. General sociology, 2 hours.

Group II. *History.*

Course 8. Medieval institutions, 2 hours.
Course 10. History of the Reformation, 2 hours.
Course 11. Revolutionary and Napoleonic Europe, 2 hours.
Course 12. History of the nineteenth century, 2 hours.
Course 13. The teaching of history, 2 hours.
Course 15. The constitutional history of England, 2 hours.
Course 16. The government of England, 2 hours.
Course 17. European governments, 2 hours.
Course 18. Municipal government in Europe, 2 hours.
Course 19. International law, 2 hours.

Group III. *Economics and sociology.*

Course 3. Money, banking and finance, 2 hours.
Course 4. Public finance.
Courses 5 and 6. Industrial history and organization, 4 hours.
Course 7. Labor problems, 2 hours.
Course 8. Economic seminar, 2 hours.
Courses 1 and 2. General sociology, 4 hours.
Courses 3 and 4. Sociological seminar, 2 or 4 hours.

LANGUAGE.

LATIN.

Normal Secondary Course.

Required (none).
Elective.
Courses 1 and 2. Beginner's Latin.
Courses 1*a* and 2*a*. Beginner's Latin, and 29 chapters Book I, Cæsar.
Courses 3 and 4. Cæsar.

LATIN—*continued:*

Normal Secondary Course.

Elective.

Courses 3*a* and 4*a*. Cæsar, Books I-IV (chap. 30); Cicero, four orations; Bennett's Latin Writer.

Courses 5 and 6. Cicero, 7 orations. Bennett's Prose.

Courses 5*a* and 6*a*. Cicero, Vergil.

Courses 7 and 8. Vergil and Outlines of Mythology.

Normal College Two-year Course.

Required (none).

Elective, all work of secondary course.

Normal College Four-year Course.

Required (none).

Elective.

Course 9. De Senectute, De Amicitia and Livy, 4 hours.

Course 10. Roman antiquities, 4 hours.

Course 11. Horace, Odes; Ovid, Metamorphoses (selected), 4 hours.

Course 12. Advanced grammar, 4 hours.

Course 13. Latin satire. Horace and Juvenal, 4 hours.

Course 14. Latin comedy. Plautus and Terence, 4 hours.

Course 15. Epistolary Latin. Cicero and Pliny the Younger, 4 hours.

Course 16. Teachers' training course, 4 hours.

Course 5 in Roman history, 4 hours.

Students desiring to major in Latin must elect 30 hours from the above College Latin. Students who desire to major in *language*, ancient and modern, may elect a minimum of 16 hours of College Latin with 2 units of secondary German, or 16 hours of College German with three units of secondary Latin.

MODERN LANGUAGES.

Normal Secondary Course.

French.

Required (none).

Elective. Four units, organized as demanded along the lines of the German.

German.

Required (none).

Elective. Courses 1-8, 4 units, or courses 1*a*-6*a*, 3 units.

Course 1. Elementary German. Given first and second semesters.

Course 2. Elementary German (continued). Given first and second semesters.

Course 3. Second-year German. Given first and second semesters.

Course 4. Second-year German (continued). Given first and second semesters.

Course 5. Third-year German. Given first and second semesters.

Course 6. Third-year German (continued). Given first and second semesters.

Course 7. Fourth-year German.

Course 8. Fourth-year German (continued).

MODERN LANGUAGES—*continued:*

Normal Secondary Course.

German.

Open to strong students with two years' high-school credit or its equivalent, or at discretion of the teachers of German.

Courses 1*a* and 2*a*. Bacon's Grammar completed; Stern's Geschichten; 1 unit.

Courses 3*a* and 4*a*. Composition and reading, 1 unit.

Courses 5*a* and 6*a*. Thomas's Grammar completed; reading; 1 unit.

Normal College Two-year Course.

French.

Required (none).

Elective.

Course 1. Beginner's French, 4 hours. Given first semester.

Course 2. Beginner's French (continued), 4 hours. Given second semester.

Course 3. Modern French. Prose, comedies, composition, 3 hours.

Course 4. Seventeenth century dramatists, 3 hours.

German.

Required (none).

Elective. Four years.

Courses 1 to 8 or 1*a* to 6*a* and two others recommended by the department.

Normal College Four-year Course.

French.

Required (none).

Elective. All courses listed as electives in Normal College two-year course.

German.

Required (none).

Elective.

All work done in Normal secondary course or in an accredited high school may be counted for graduation in this course.

Courses not indicated as offered during the year will be given upon sufficient demand by conference with the head of the department.

Required for German major.

An admission credit of two years high-school German, 30 hours of college work, including courses 15, 16, 23, 24, 25 and 26.

Electives.

Course 9. Goethe, two dramas, 3 hours.

Course 10. Schiller, Wallenstein, 3 hours.

Course 11. Lessing, selections, 3 hours.

Course 12. Modern German writers, 3 hours.

Course 13. Modern German writers, 3 hours.

Courses 9-13 open to students having three years' credit in German. Classes organized on sufficient demand.

Course 14. Goethe's Faust, 2 hours.

Course 15. History of German literature (Seniors only), 2 hours.

Course 16. History of German literature (Seniors only), 2 hours, second semester.

MODERN LANGUAGES—*continued:*

Normal College Four-year Course.

German.

Electives.

Course 17. Teachers' course in Tell, 2 hours, second semester.

Course 18. Scientific German (students offering two years' high-school credit, or courses 1*a*-3*a*), 4 hours.

Course 19. Educational German (open by permission of instructor), 3 hours.

Course 20. Sight reading, 1 hour.

Course 21. Elementary conversation, 1 hour.

Course 22. German composition, 3 hours. Given first semester.

Course 23. Advanced composition, 3 hours, second semester.

Course 24. Modern German grammar (for teachers), 3 hours.

Course 25. German phonetics, 2 hours.

Course 26. Teachers' course (Seniors only), 2 hours.

If the entrance requirement is presented in some other language all work done in the department may be counted for graduation in this course.

A general language major may be elected consisting of 16 hours of German and 14 hours of French, or 16 hours of German and 14 hours of Latin, or 16 hours of Latin and 14 hours of French.

Suggested minors for German major: European history, German history, English composition and literature, Latin, psychology and philosophy.

LIBRARY SCIENCE.

Normal Secondary Course.

Required of all students.

Course 1. Elementary reference. No credit. Given each term.

Elective.

Course 2. Library methods, one-fourth unit. Given first and second terms.

Normal College Two-year Course.

Required (none).

Elective.

Course 3. Library economy, 3 hours. Given second term.

Course 4. Reference, 2 hours. Given second term.

Course 5. Children's literature, 3 hours. Given first and second terms.

Course 6. Story telling, 3 hours. Given first and third terms.

Course 7. Classification of books, 3 hours. Given first and third terms.

Course 8. Library history, 2 hours. Given third term.

Course 9. Cataloguing, 2½ hours. Given fourth term.

Course 10. Cataloguing (continued), 2½ hours. Given fifth term.

Course 11. Bookmaking, 1 hour. Given fourth term.

Course 12. Public documents, 2 hours. Given fourth term.

Course 13. Bibliography, 3 hours. Given fifth term.

Course 14. Organization and administration, 3 hours. Given fifth term.

Normal College Four-year Course.

Required (none).

Elective. All the work listed as elective in the Normal College two-year course.

MATHEMATICS.

Normal Secondary Course.

Required. Required for one-year state certificates and all life-diploma courses.

Arithmetic.
Course 1.
Course 1*a*.
Course 2.
Course 2*a*.

Algebra.
Course 1.
Course 1*a*.
Course 2.
Course 2*a*.

Geometry.
Course 1.
Course 1*a*.
Course 2.
Course 2*a*.
Course 3.

Elective.

Algebra.
Course 3.
Course 3*a*.
Course 4.
Course 4*a*.
Course 5.
Course 6.

Geometry.
Course 3.
Course 3*a*.

Normal College Two-year Course.

Elective.

Algebra.
Course 3.
Course 4.
Course 5.
Course 6.

Geometry.
Course 3.

Surveying.
Course 1.

Trigonometry.
Course 1.

Normal College Four-year Course.

Required.

Algebra.
Course 3.

Trigonometry.
Course 1.

Elective.

Algebra.
Course 4.
Course 5.
Course 6.

Analytics.
Course 1.
Course 2.
Course 3.
Course 4.

Astronomy.
Course 1.
Course 2.

Calculus.
Course 1.
Course 2.
Course 3.
Course 4.

Geometry.
Course 3.

Surveying.
Course 1.

MUSIC.

PUBLIC-SCHOOL MUSIC.

Normal Secondary Course.

Required. For one-year state certificate and all life-diploma courses.

Course 1. Music for beginners. Offered each semester.

Course 1*a*. Music for those with some training in music in the public schools. Offered each semester.

PUBLIC-SCHOOL MUSIC—*continued:*

Normal College Two-year Course.

Required.

Course 2. Music—two-part and three-part singing. Offered each term.

Elective.

Course 3. Four-part work, 2 hours. Offered second and fourth terms.

Course 4. Kindergarten and primary music, 2 hours. Offered third and fifth terms.

Course 5. Methods in public-school music, 2 hours. Offered first, second and fourth terms.

Course 6. Normal practice teaching, 1 hour.

Course 7. Department teaching—primary grades, 2 hours.

Course 8. Teaching in intermediate grades, 2 hours.

Course 9. Teaching in grammar grades, 2 hours.

Course 10. Advanced teaching, 1 hour.

Course 11. Voice training. Class work, 1 hour. Offered first, second and fourth terms.

Course 12. Chorus singing, 2 hours.

Course 13. Advanced chorus singing, 2 hours.

Course 14. Advanced ensemble practice, 1 hour.

Course 15. Harmony, 2 hours.

Course 16. Counterpoint, 2 hours.

Course 17. History of music, 2 hours.

Course 18. Voice training, 2 hours.

Course 19. Voice training (continued), 2 hours.

Course 20. Voice training (continued), 2 hours.

Course 21. Voice training (continued), 2 hours.

Course 22. Voice training, elementary, 1 hour.

Course 23. Methods in voice training, 2 hours.

Course 24. Library reading. Public-school music literature, 1 hour.

Normal College Four-year Course.

Required (none).

Elective.

Course 2 (as above stated), and all the courses listed as elective in the Normal College two-year course.

PHYSICAL SCIENCES.

CHEMISTRY AND PHYSICS.

Normal secondary course.

Required.

Physics.

Course 1. Mechanics.

Course 1*a*. Mechanics.

Course 2. Sound, light, heat, electricity.

Course 2*a*. Sound, light, heat, electricity.

Elective.

Chemistry.

Course 1. General chemistry.

Course 1*a*. General chemistry.

CHEMISTRY AND PHYSICS—*continued:*

Normal College Two-year Course.

Required (none).

Elective.

Chemistry.

Course 1 (as stated above), 4 hours.

Course 2. Qualitative analysis, 4 hours.

Physics.

Course 3. Mechanics, 3 hours.

Course 4. Sound, light, heat, 3 hours.

Prerequisite, course 2 in physics.

Course 5. Electricity and magnetism, 2 hours.

Course 6. Teachers' course, 2 hours.

Astronomy.

Course 1. General astronomy, 2 hours.

Normal College Four-year Course.

Required, 4 hours from the following courses:

Chemistry.

Course 1. General chemistry, 4 hours.

Course 2. Qualitative analysis, 4 hours.

Course 3. Quantitative analysis, 4 hours.

Course 4. Organic chemistry, 4 hours.

Course 5. Special analysis, 4 hours.

Physics.

Courses 3 and 4, 5, 6, as stated above.

Elective. Any of the above courses in chemistry and physics not taken to make up requirement of 4 hours.

SPECIAL PHYSICAL SCIENCE COURSE.

Major may be taken—

a. Entirely in physical science, as follows:

Chemistry, 18 hours.

Courses 1, 2, 3, 4, and 5, as above.

Physics, 10 hours.

Courses 3, 4, and 5, as above.

Astronomy, 2 hours.

Course 2, or course 6 in physics.

b. Partly in physical and partly in natural science.

The same as the physical science course, except that College geology may be substituted for chemistry 5 and astronomy 2.

c. Partly in physical science and partly in mathematics.

The same as course *a*, except College mathematics may be substituted for chemistry 3 and 5.

PHYSICAL TRAINING.

Normal Secondary Course.

Work in the physical department will be assigned to students in the Normal secondary department as the schedule will permit.

The same regulations as to bath fees, gymnasium costume, will hold good as in the other departments.

Normal College Two-year Course.

Required, 6 hours.

Course 1. General theory, 2 hours.

Course 2. Gymnastics, athletics and practice teaching, 4 hours, or 1 hour per semester for two years; 3 hours' work per week in gymnastics or athletics during one semester is equal to a one-hour credit.

PHYSICAL TRAINING—*continued:*

Normal College Two-year Course.

Elective.

Course 3. Playground construction and supervision, 2 hours.

Normal College Four-year Course.

Required.

Course 1 (as above), 2 hours.

Course 2 (as above).

Elective.

Course 3 (as above stated).

SPEECH ARTS.

ORAL ENGLISH.

Normal Secondary Course.

Required. For one-year state certificate.

Course 1. Reading. Given each semester.

Course 1*a*. Reading. For advanced certificate students. Given each term.

Elective.

Course 2. Reading. Given each semester.

Course 2*a*. Reading. For advanced certificate students.

Normal College Two-year Course.

Required.

Course 3. Elocution, 2 hours. Given each term.

Elective.

Course 4. Bodily expression, one-half hour. Given each term.

Course 5. Dramatic interpretation, Shakespeare's tragedies, 2 hours. Given second term.

Course 6. Dramatic interpretation, Shakespeare's comedies, 2 hours. Given third term.

Course 12. American oratory, modern, 2 hours. Given first and fifth terms.

Normal College Four-year Course.

Required (none).

Elective. Courses 3, 4, 5, 6 and 12, as stated above, and

Course 7. Dramatic interpretation, Shakespeare's historical plays, 2 hours. Given first term.

Course 8. Dramatic interpretation, modern drama, 2 hours.

Course 9. Greek drama, 2 hours. Given fourth and fifth terms.

Course 10. American oratory, the Revolutionary period, 2 hours. Given second and fourth terms.

Course 11. American oratory, the period of the Civil War, 2 hours. Given fourth and fifth terms.

Course 13. Poetry. Tennyson, 2 hours. Given second and fourth terms.

Course 14. Poetry. Doctor Van Dyke, 2 hours. Given third and fifth terms.

PUBLIC SPEECH.

Normal Secondary Course.

Required (none).

Elective. 2 units.

Course 1. Oral composition.
Course 2. Debating.
Course 3. Literary society—parliamentary law.
Courses 1*a* to 3*a*, corresponding to 1 to 3 for advanced certificate students.

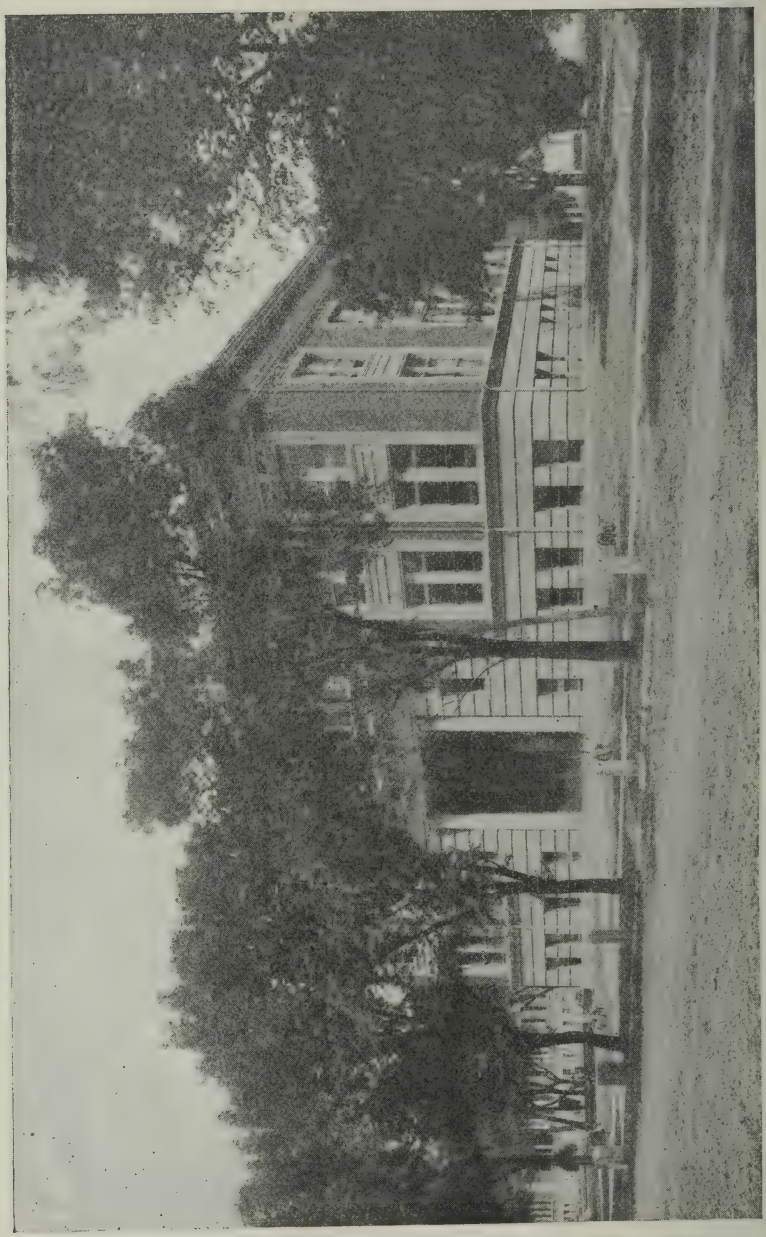
Normal College Two-year and Normal College Four-year Courses.

Required. 2 hours from courses 4, 5, 6, 7, or 9.

Course 4. Extemporaneous speech, 2 hours. Given each term.
Course 5. Oration, 2 hours. Given third term.
Course 6. Great speeches, 2 hours. Given second term.
Course 7. Vocabulary 1, 2 hours. Given each term.
Course 9. Argumentation, 2 hours. Given second term.

Elective. Any of the above courses not previously elected, and

Course 8. Vocabulary 2, 2 hours. Given fourth term. Prerequisite, course 7 and a reading knowledge of Anglo-Saxon, Latin and French.
Course 10. Argumentation 2, 2 hours. Given fourth term. Prerequisite, course 9.
Course 11. Debating 2, 2 hours. Given fifth term. Prerequisite, course 9.
Course 12. Debating 3, 2 hours. Given fifth term. Prerequisite, courses 10 and 11.
Course 13. Parliamentary law 2, 2 hours. Given first, second and fourth terms.
Course 4, is prerequisite to courses 9 to 12, inclusive.



NORTON SCIENCE HALL.

Outlines of Instruction.

ARTS.

DRAWING.

COURSE 1.—Free-hand drawing with pencil, charcoal, crayon and brush. Elementary design, working drawings, paper and carboard construction. One-half unit.

COURSE 2.—Advanced work along lines suggested in course 1. One-half unit.

COURSES 1*a* AND 2*a*.—Practically the same work as in courses 1 and 2. Offered to advanced certificate students. Two hours each.

COURSE 3.—Elementary work in water color.

COURSE 4.—Lessons in blackboard illustration suitable for lessons in geography, language, nature study and other subjects taught in the grades. Also, primary work in clay modeling, weaving and decorative design. Four hours.

COURSE 5.—A study of pictures by great artists. This course is for primary teachers particularly. Two hours.

COURSE 6.—A study of methods of teaching drawing in the grades.

COURSE 7.—A course in constructive and decorative design. Four hours.

COURSE 8.—History of painting. Four hours.

COURSE 9.—History of architecture. Two hours.

COURSE 10.—History of sculpture. Two hours.

COURSE 11.—Clay modeling. Two hours.

COURSE 12.—Advanced clay modeling. Two hours.

COURSE 13.—Advanced work in light and shade in wash drawings and charcoal. Studies are made from the cast and still life. This course is open to students who have completed satisfactorily courses 1, 2 and 3. Four hours.

COURSE 14.—Advanced water color. Studies in landscape, fruit, flowers, and still life. Four hours.

COURSE 15.—Mechanical perspective. Two hours.

COURSE 16.—Basketry. Two hours.

HOME ECONOMICS.

HOUSEHOLD ART.

COURSE 1.—Hand sewing. This course consists of work in hand sewing and is a prerequisite to all the following courses in household art, being required of all students enrolling in the department except those girls who are admitted to the Normal secondary course from the eighth grade of our training school, or from other accredited courses in hand sewing. This includes general instruction in the implements used for hand sewing, the proper position of the body and care of the eyes while sewing, as well

as a full course in practical needlework; different stitches, their uses and combinations; seams, hems, tucks, gathering, overcasting, overhanding, patching, darning, piecing and buttonholes; and the application of all these lessons to useful articles. The making of white apron, half sleeves and cap.

COURSE 2.—Machine work. Instruction in the use and care of the sewing machine. Discussion of appropriate materials for undergarments and suitable trimmings for various materials used in this course. The student is taught to take measures, draft patterns and make undergarments for herself or others—corset cover, drawers, white skirt, night-dress. Besides the sewing work, a study of cotton, linen, wool and silk fabrics is made, with a general study of the source and method of preparation of the material for clothing purposes.

COURSE 3.—Dressmaking. The pattern drafting is continued, with some work in adapting patterns to designs; making of pattern and cutting, fitting and making of a shirt-waist suit. Discussions of choice in wash materials and their cost, durability and adaptability to different forms and occasions. A study of the methods used in printing, dyeing and weaving of colored fabrics is made, together with studies in color combinations and adaptations to dress. The choice, making and trimming of a simple gown in colors suitable to the form and complexion of the student is one feature of this course.

COURSE 4.—Art for the house. Discussion of materials and colors suitable for various forms of house decoration. Floors, walls, ceilings and hangings, with a study of the cost, durability, effectiveness and need. Stencil work as applied to house decoration. Needlework as applied to the home.

All courses named cover twenty weeks' work of one period per day, or may be carried through a double period, alternating with a double period in cooking, throughout the term.

All persons expecting to do any teaching in household art will avail themselves of course 1, and when they do their practice teaching will be assigned to such classes in the training school as will give them observation and practice in the methods of presentation of the work to children in the grades.

Students wishing to do teaching in high-school household art will be required to take the full course as outlined, and in addition a ten-weeks course in methods and equipment for teaching.

HOUSEHOLD SCIENCE.

COURSE 1.—Physiology is a prerequisite for this course. The course offers lessons in combustion, fuels, fire building and conservation of heat; the production, manufacture and value of materials used for food; the bodily elements and food principles: carbohydrates, protein, fats, minerals, water.

1. Carbohydrates: Experiments to determine the effect of heat, moisture and acid on starch. Experiments to determine the composition of representative starch foods. Method of cooking starch foods. Sugar and cellulose, digestion and value, relation to starch, methods of combination and transformation of sugars.

2. Protein: Experiments to determine effect of different degrees of heat on egg albumen: solubility of simple proteids; composition of milk; discussion of proteid foods—source, care of, structure, composition, di-

gestion and nutritive value. Cooking of proteid foods—eggs, milk, meat; cooking of proteids in combination with starch.

3. Fats: Trying out, clarifying, frying, making emulsions, olive oil and egg. Discussion of digestion and value of fats, and their uses in cooking.

4. Minerals: Experiments to determine amount and kind of minerals in the common foods, milk and flour. Need of minerals in body structure.

5. Water: Experiments as to different stages and temperature of heated water. Water as related to mineral substances. Tanic acid. Tea, coffee—source, composition, effect upon the body. Making of water beverages and jelly.

6. Combinations of food principles: Recipes and experiments in general cooking. Preparation and serving of meals involving study in cost and economy and balance of food materials. Classification of food principles.

COURSE 2.—Cooking. Botany required. The course offers a study in bacteria, yeasts, molds and micro-organisms. The relation of these to food and drink. Microscopic experiments. Studies of drinking water and ice supplies. Bread making, leavening agents, yeast, salt-rising bread. Cheese making, varieties and qualities. Fermentation and nonfermentation. Canning and preserving. Preserving agents, harmful and unharmful. Recipes and wider experience in cooking and serving.

COURSE 3.—Dietetics. Chemistry required. The course includes analysis of organic materials; principles of analysis of foodstuffs; detection of preservatives and adulterations used in foods. Discussion of the healthful diet for persons in normal condition of health but differing in occupation. Influence of climate and season upon needed changes in diet. Diet in disease; effect of various food constituents upon any one disordered digestive agent. Menus for different diseases; recipes and preparation. The invalid's tray.

COURSE 4.—The house. Chemistry required. This course is a series of general lessons in home-keeping. A study of the house, its location, lighting, ventilation, plumbing, drainage and plan. A study of cleansing agents, sanitary walls, floors, sinks, bathrooms, cellars, ice chests. Household pests and their extermination. Dust and its removal. Care and cleansing of carpets, hangings and furniture. Fumigation. The laundry.

The courses in household science, like those in household art, are twenty-weeks courses. They may be carried daily, or, as before suggested, in double periods alternating with the household art courses throughout the term. The plan for persons wishing to teach household science is the same as that suggested in the household art courses.

MANUAL TRAINING.

COURSE 1.—Mechanical drawing. One-half unit. A course in the elements of mechanical drawing, including problems in geometric constructions, orthographic cabinet and isometric projections, shadows, intersections of solids, etc., with some of the general applications to drafting. Instruction and practice are given in making working drawings, reading drawings, and blue-printing.

COURSE 2.—Constructive design. One-half unit. A continuation of the above course, including instruction and practice in more advanced work in drafting, lettering and design, with reference to the needs of

construction and appropriate decoration by pleasing panels and designs for wood carving.

COURSE 3.—Elementary woodwork. One-half unit. A course in wood construction suited to the intermediate and lower grammar grades. Work with tools at the bench will be required. Simple models selected to illustrate and give practice in the use of the common woodworking tools will be made.

COURSE 4.—Advanced woodwork. One-half unit. A continuation of the above course, dealing with models appropriate for the grammar grades. Work requiring greater skill in the use of tools will be selected, and students will be expected to plan and execute several original or adapted models, in addition to those in an assigned course.

COURSE 5.—Joinery. One-half unit. A course beginning with a series of joint exercises illustrating the common joints in wood construction and continuing into the application of some of these in appropriate models.

COURSE 6.—Cabinet making. One-half unit. A course in advanced woodworking, dealing with models requiring more accurate use of the tools. Some attention will be given to the lines and decorations, with the methods of securing pleasing effects through wood combinations, inlaying and simple carvings.

COURSE 7.—Wood carving. One-half unit. A continuation of the above course, dealing with more elaborate constructions and decorations. Original selected designs for wood will be made and applied to useful objects.

COURSE 8.—Advanced wood carving. One-half unit. An advanced course in wood carving, dealing with more difficult problems offered to students with special talent in wood carving.

COURSES 1*a* and 8*a*, corresponding to the above, two hours, will be offered for advanced certificate students.

COURSE 9.—Theory and practice. Two hours. A course required of students expecting to apply for the state manual-training certificate. It will include assigned readings, reports and discussions on the history, development and present practice in manual training in education, with some consideration of the courses of study, equipments, supplies, textbooks, etc.

Students wishing to prepare for manual training for the elementary grades may substitute clay modeling and basketry (drawing, courses 11, 12 and 16) for the advanced courses in wood.

BIOLOGICAL SCIENCES.

PLANT BIOLOGY.

COURSE 1.—Field botany. This embraces morphology and habits of cryptogams and phanerogams. This course requires laboratory, field and class work.

COURSE 2.—Plant life. This includes a study of the physiology, ecology and histology of plants in laboratory and classroom.

COURSES 1 and 2 are required in the Normal secondary course and give one-half unit of credit each. Each course continues one semester. In the Normal secondary four-year course botany 1 will be begun the second term and completed the fifth term; and botany 2 will be taken during

the third and fourth terms. In the Normal secondary two-year course, botany 1*a* will be given the second term and also the fifth term; and botany 2*a* may be taken the third or the fourth term.

COURSE 3.—Agricultural botany. This course gives a credit of two hours, and is accepted as part of the requirement in biology in the Normal College two-year and four-year courses when the unit of zoölogy has been elected in the Normal secondary course or in an accredited high school. Agricultural botany, as the name implies, gives an elementary knowledge of plants in their relations to soil, climate and various insect and plant pests. The course continues ten weeks, four recitation periods each week. This course may be substituted for course 2*a*.

COURSE 4.—Plant natural history. This course gives a credit of two hours in the Normal College four-year course when course 5 has been completed, and may be elected as part of the major in biology. The work is largely that of the field and laboratory and should be done, if possible, the same term with course 5. The course is given in ten weeks, four recitations each week.

COURSE 5.—Systematic botany. This course gives a credit of two hours as part of major in the Normal College course. This course is a systematic study of cryptogams and phanerogams, and must be taken in connection with or immediately after course 4. This is a ten-weeks course.

COURSE 6.—Histology and evolution of plants. A credit of two hours is given for this course. It embraces a study of the origin and development of plants and of their organs and tissues. The course is given in ten weeks, four recitations each week.

ANIMAL BIOLOGY.

COURSE 1.—Agricultural zoölogy. This course gives a credit of one-half unit if elected in the Normal secondary course, and of two hours if elected in the Normal College four-year course. This subject treats of the care, kinds, and good and bad qualities of animals found on the farms. The classes meet each day for one semester, or four days each week for one term, according to the course taken.

COURSE 2.—Field zoölogy. This course gives a credit of one-half unit if taken in the secondary course, and of two hours if taken as part of the required work in the Normal College two-year and four-year courses. This is a course in animal natural history and comprises field and museum studies of insects and birds, with lectures on their economic relationships to man, especially to the farmer and orchardist. The course is given during the first, second and fifth terms, and four or five times each week, according to the course.

COURSES 1*a* and 2*a* cover practically the same work as courses 1 and 2, and are offered to advanced certificate students.

COURSE 3.—Animal life. The credits are the same as in course 2. This study gives a knowledge of the physiology and ecology of animals. It will be offered four or five times each week, according to the course, and may be taken during the third and fourth terms.

COURSE 4.—Systematic zoölogy. This course is required in the Normal College two-year and four-year courses, and gives a credit of two hours. This subject embraces a study of the anatomy and physiology of representative animals, and lectures on the structure and habits of important forms in all classes of animals. Each pupil is expected to prepare a brief

treatise on zoölogy. There are four meetings of the classes in this subject each week for ten weeks.

COURSE 5.—Systematic animal biology. This course may be elected as part of major in biology in the Normal College four-year course, and gives two hours credit. It requires a study of representative animals, their structure, embryology, development and systematic position in the animal kingdom. The classes meet as in course 4.

COURSE 6.—Philosophic biology. This course may be elected as part of major in the Normal College four-year course, and gives a credit of two hours. The subject includes a detailed study of the evolution of plant and animal life. The classes meet as in course 4.

ENVIRONMENTAL BIOLOGY.

GEOLOGY.

COURSES 1 AND 2.—General geology. The two courses should be taken one after the other, and give four hours credit in the major in biology. They include the dynamical, structural and historical geology of the United States. The courses are offered together during the first term and in succession during the second and third terms.

COURSES 3 AND 4.—Geology of Kansas. The courses should be taken as are courses 1 and 2, and give four hours credit. They include studies of soil, climate and forests, and work of wind, rain, moisture and running water. Before concluding the subject each member of the class is required to write a geological history of Kansas. The courses are given during the fourth and fifth terms of the year, the classes meeting four days of each week.

HUMAN PHYSIOLOGY.

COURSE 1.—Elementary physiology. This course may be elected in the Normal secondary course to prepare for course 2. It gives one-half unit credit.

COURSE 2.—General physiology. This course is required in the Normal secondary course, and gives one-half unit credit. Physiology 2 gives in a modern way a general knowledge of the anatomy, physiology and hygiene of the human body. The classes meet five times each week for one semester.

COURSE 3. Advanced general physiology. This course may be counted as part of the major in biology, and gives a credit of two hours. Course 2 is reviewed and the physiology of the human body emphasized. The classes meet four times each week for ten weeks.

COURSES 4 AND 5.—Physiology of alimentation and dietetics. Four hours. Elective in the Normal College four-year course. The subject is presented in two-hour parts, either of which may be counted towards the major.

COURSES 6 AND 7.—Personal hygiene and the diagnosis and treatment of disease. Four hours. The subject may be divided and counted as in courses 4 and 5.

SCHOOL SCIENCE.

COURSE 1.—Nature study. This course may be elected as part of major in biology and gives two hours credit. The course treats of the methods of teaching natural history in the grades, and is adapted to the needs of superintendents as well as of grade teachers. The subject will be offered four times each week for ten weeks.

COURSE 2.—Lives of scientists. Credits and times of meetings of classes will be as in course 1. This course gives a study of the lives of those scientists who have aided materially in the development of science, especially of the biological sciences.

COMMERCE.

BOOKKEEPING AND ACCOUNTING.

COURSE 1.—Elementary bookkeeping. One-half unit. Principles of debit and credit. Forms of opening and closing accounts. Trial balances and statements. Each semester.

COURSE 1*a*.—Similar to course 1. Two hours. For advanced certificate students. Each term.

COURSE 2.—Bookkeeping and business practice. One-half unit. Drill is given in the use of business forms, all business papers being written and handled by the student. First semester.

COURSE 2*a*.—Similar to course 1. Two hours. For advanced certificate students. First, third and fourth terms.

COURSE 3.—Advanced bookkeeping. One-half unit. Commission, shipping and general merchandising business. Use of loose-leaf books. Partnership accounts.

COURSE 3*a*.—Similar to course 3. Two hours. For advanced certificate students. Fourth term.

COURSE 4.—Advanced bookkeeping continued. One-half unit. Wholesale business. Use of auxiliary ledgers and special columns. Card ledger introduced. Brief treatment of single entry and changing from single to double entry.

COURSE 4*a*.—Similar to course 4. Two hours. For advanced certificate students. Fifth term.

COURSE 5.—Bank accounting. Two hours. Organization and management of banks. The work is designed to reproduce as nearly as possible the routine of a bank. Second term.

COURSE 6.—Corporation accounting. Two hours. The organization of a corporation, with special reference to the laws of Kansas. Several sets of books are opened and closed to show the distinctive features of corporate accounting. The main set is that of a manufacturing business using the voucher system. Third term.

COURSE 7.—Philosophy of accounts. Two hours. Accounting treated from the view-point of science and in its relation to political economy. Analysis of complex accounts and statements; general principles of cost accounting, valuations involving interest, treatment of depreciation, capital and revenue accounts, and the use of statistics in determining the condition of a business. By appointment.

COURSE 8.—Auditing. Two hours. Purposes of audits: to detect errors in records, to determine the legality of transactions. Planning an audit, analyzing accounts, methods and forms of procedure. By appointment.

BUSINESS ORGANIZATION.

COURSE 1.—Two hours. The individual business man, the partnership, the corporation. Extractive, manufacturing, and distributive industries. The various departments of a large business and their relations to one another. The market, advertising, credits and collections. The administrative department and accounting methods. By appointment.

COMMERCIAL LAW.

COURSE 1.—Elementary commercial law. One-half unit. Elementary definitions and principles of the law of contracts, sales, negotiable instruments, agency and bailment. The Kansas supreme court reports and standard law treatises are used to supplement the textbook.

COURSE 1*a*.—Similar to course 1. Two hours. For advanced certificate students. Second term.

COURSE 2.—Continuation of course 1. One-half unit. Business associations, including partnerships, joint-stock companies, and corporations; real property, including titles, contracts, and transfers; insurance law.

COURSE 2*a*.—Similar to course 2. Two hours. For advanced certificate students. Third term.

COURSE 3.—Advanced commercial law. Four hours. Detailed study of the law of contracts as to their nature, formation, operation, interpretation and discharge. Concrete cases taken from the reported decisions of state and federal courts are largely used. These cases cover the entire field of business law. Attention is given to the constitutional questions involved in national and state jurisdiction over the formation and enforcement of contracts. Fourth and fifth terms.

COMMERCIAL AND FINANCIAL HISTORY.

COURSE 1.—History of commerce. Four hours. Text, Webster. Study of world commerce from the earliest times. Effect upon commerce of climate, geographical position, topography, government, religious beliefs, social customs and economic theories. Commercial considerations in national policies. Causes of growth and retardation of commerce. After a glimpse of general history attention is given in considerable detail to the commercial development of the United States. Much library work is required. By appointment.

COURSE 2.—Financial history of the United States. Four hours. The experience of the United States in revenue, banking and currency legislation, in borrowing money and paying debts. The administration of the laws and their effects upon trade and industry. By appointment.

PENMANSHIP.

COURSE 1.—Study of correct position. One-half unit. Muscular movement and its advantages. Practice on ovals and various movement exercises until the muscle is in good control and ease of movement acquired. Practice in making small and capital letters is followed by writing and arranging brief business letters and miscellaneous matter. It is expected that on the completion of this course the student will be able not only to write with ease and symmetry plain, practical letter forms, but to arrange his work on the page with due regard to proportion.

COURSE 1*a*.—Two hours. Same as course 1, but presupposes some

special preparation, and requires additional time daily for practice. Each term.

COURSE 2.—Teachers' training course. One hour. Methods of teaching penmanship; blackboard drills and advanced pen work.

STENOGRAPHY.

Cultivation of the ear in distinguishing sounds and habits of close attention are requisites for the successful study of stenography. Accuracy, quick perception and rapid thinking are cultivated from the beginning. Each principle presented receives careful drill. Logograms, contractions and phrases are dwelt upon. In transcription of connected matter, spelling, paragraphing and arrangement must be absolutely correct. Miscellaneous matter is introduced to increase vocabulary and supplement general knowledge. Dictation includes common legal and business forms, selections from standard literature, letters and tabulations. Emphasis is laid on reading shorthand notes and transcriptions. The Benn Pitman system is used.

COURSE 1.—One-half unit. Completion of first half of the text.

COURSE 2.—One-half unit. Completion of text, and practice in reading shorthand.

COURSE 3.—Miscellaneous dictation. One-half unit. Work with graphophone records.

COURSE 4.—One-half unit. Dictation, graphophone work and transcription continued.

COURSES 1*a*, 2*a*, 3*a* and 4*a* are similar to courses 1, 2, 3 and 4, but require additional daily practice. Two hours credit is given for each course. Classes in course 1*a* are organized the first, second and fourth terms.

COURSE 5.—Two hours. Dictation of difficult matter. Speed practice in writing and transcribing.

TRANSPORTATION.

COURSE 1.—Four hours. Prerequisite, course 1 in economics. Brief history of transportation. Great world currents of commerce and reasons for their existence. Water transportation, internal and foreign. Special study of railroad transportation in the United States. Present-day problems. By appointment.

TYPEWRITING.

Careful study of machine. Instruction as to care, mechanism, and possibilities. The touch system is used exclusively. Proper fingering is insisted upon. A light, rapid, smooth and even touch is acquired as early as possible. Accuracy is the first object, though speed should come as a result of practice. Neatness is emphasized. Dictation is given from the beginning, and proceeds from the simplest combination of letters through carefully graded exercises to the most difficult matter. Arrangement of work and tabulations receive special attention. To be able to write without error and at the same time smoothly and rapidly any kind of miscellaneous matter or business document is the end and aim of typewriting, and this object is held before the student throughout the course.

COURSE 1.—Mastery of the keyboard. One-half unit. Diligent practice on words, easy sentences and simple business letters. Envelope addressing, card writing and simple tabulations.

COURSE 2.—Common legal forms and tabular exercises. One-half unit. Special attention to arrangement, spelling and punctuation of dictated matter.

Courses 1*a* and 2*a* are similar to courses 1 and 2, but require more daily practice. Two hours credit for each course. Classes in 1*a* are organized the first, second and fourth terms.

COURSE 3.—Two hours. Speed practice, study of manifolding and carbon work, and use of graphophone with typewriter. Dictated matter of some difficulty.

ENGLISH.

COURSE 1.—Mechanics of English. A daily ten-weeks course. Classroom work only. For those who do not pass the examination required hereafter of all who enroll for any work in the life-certificate course: Orthography, penmanship, punctuation, capitalization, elementary work in synonyms and antonyms, quotation marks, simple rules for the paragraph, letter forms, etc.; in brief, general mechanical excellences, to the end that each prospective teacher shall be able to present, as well as to procure from pupils in every grade of public schools, good work in manuscript form. Students will be passed from the course as soon as they give evidence of efficiency in the work required.

COURSE 2*c*.—English grammar. A comprehensive study of the elementary principles of English grammar as set forth in the state text, but proceeding from the point of view of the sentence and paragraph rather than of the isolated word or prescribed chapter. The aim is threefold: To equip the pupil with a body of grammatical doctrine—knowledge; to develop the habit of logical thinking—power; to furnish him with available methods for an intelligent presentation of the principles of the science—teaching ability.

COURSES 2, 3, 4, AND 5.—Two units credit. The state text, Stebbins's Progressive Course in English, forms the basis of the work offered. The reading and study courses in English classics will, as far as possible, conform to "College Entrance English Requirements" for years 1913, 1914, 1915.

For reading (10 units to be selected, two from each group):

1. The Old Testament books — Genesis, Exodus, Joshua, Judges, Samuel, Kings, Daniel, Ruth and Esther. The Odyssey (books I-V, XV-XVII may be omitted). The Iliad (books XI, XIII-XV, XXI may be omitted). Vergil—Æneid. For any unit of this group a unit from any other group may be substituted.

2. Shakespeare—Merchant of Venice, Midsummer Night's Dream, As You Like It, Twelfth Night, Henry V, Julius Cæsar.

3. De Foe—Robinson Crusoe (part I). Goldsmith—Vicar. Scott—Ivanhoe or Quentin Durward. Hawthorne—Seven Gables. Dickens—David Copperfield, or Tale of Two Cities. Thackeray—Henry Esmond. Mrs. Gaskell — Cranford. George Eliot — Silas Marner. Stevenson — Treasure Island. Bunyan—Pilgrim's Progress (part I). The De Coverley Papers. Franklin—Autobiography (condensed). Irving—Sketch Book. Macaulay—Essays on Lord Clive and Warren Hastings. Thackeray—English Humorists. Selections from Lincoln—including at least the two inaugurals, the speeches in Independence Hall and at Gettysburg, the Last Public Address, and Letter to Horace Greeley; a brief memoir or estimate. Parkman—Oregon Trail. Thoreau—Walden, or

Huxley—Autobiography, and Selections from Lay Sermons, including the Addresses on Improving Natural Knowledge, A Liberal Education, and A Piece of Chalk. Stevenson—Inland Voyage, and Travels with a Donkey.

5. Palgrave—Golden Treasury (first series), books II and III, with especial attention to Dryden, Collins, Gray, Cowper and Burns. Gray—Elegy, and Goldsmith—Deserted Village. Coleridge—Ancient Mariner, and Lowell—Sir Launfal. Scott—Lady of the Lake. Byron—Childe Harold, canto IV, and Prisoner of Chillon. Palgrave—Golden Treasury (first series), book IV, with especial attention to Wordsworth, Keats, and Shelley. Poe—Raven. Longfellow—Miles Standish, and Whittier—Snow-bound. Macaulay—Lays of Ancient Rome, and Arnold—Sohrab and Rustum. Tennyson—Garety and Lynette, Lancelot and Elaine, and Passing of Arthur. Browning—Cavalier Tunes, Lost Leader, How they Brought the Good News, Home Thoughts from Abroad, Home Thoughts from the Sea, Incident of the French Camp. Herve Riel—Pheidippides, My Last Duchess, Up at a Villa, Down in the City.

For study: Shakespeare—Macbeth. Milton—L'Allegro, Il Penseroso and Comis. Burke—Speech on Conciliation with America, or Washington—Farewell Address, and Webster—First Bunker Hill Oration. Macaulay—Life of Johnson, or Carlyle—Essay on Burns.

COURSES 6 AND 7.—One unit. English literature. Historical outline with assigned readings and papers, omitting the writers of the nineteenth century. These courses are designed to give the student a general view of the subject as a preparation for intensive study of special period.

COURSE 8.—Rhetoric and composition. Two hours credit. Required of all students in College courses, but must be preceded by courses 4 and 5 or their equivalent. It offers training in the fundamental principles and practice of English prose discourse. Narration, description, exposition and criticism are presented, with a variety of analytical and constructive exercises. The practical needs of everyday life are kept constantly in view and technical excellence is essential. Semiweekly themes are required. The writing and criticism of longer themes, with a study of the principles of structure. A study of the principles of composition and the qualities of style. Discussion of textbooks and methods of teaching English composition.

COURSE 9.—Drama, with special reference to Shakespeare. Four hours credit. It includes the study and interpretation of four plays—two tragedies, one comedy, one historical play—or their equivalent, with special reference to form, plot, character, ethical values. Other plays will be assigned for special reading. Two papers are required.

COURSE 10.—Nineteenth century literature. Four hours. Authors studied: English—Scott, Shelley, Keats, Wordsworth, Mrs. Browning, Dickens, Thackeray, Carlyle, Matthew Arnold. American—Irving, Cooper, Bryant, Emerson, Hawthorne, Longfellow, Lowell, Whittier, Thoreau, Poe, Howells, James.

COURSE 11.—RHETORIC: (*a*) Literary composition. Two hours. Artistic elements, vision, imagination, unity, emphasis, coherence. Poetry—kinds, form, content and effect are considered. Prose—diction, originality, directness, sincerity and elegance are studied. (*b*) Theme writing. If preferred the student may elect to make a study of theme writing. Daily and fortnightly themes required. This course must be preceded by course 8. Application for admission to the course is made to the head of the department.

COURSE 12.—Rhetoric: Logical composition. Two hours. Exposition, extensive and intensive, and their applications. Scope, aim, method and literary form are discussed and exemplified. Application for admission to this course is made to the head of the department.

COURSE 13.—The short story. Two hours. A reading and constructive course. Application for admission to this course is made to the head of the department.

COURSE 14.—Myth and story. Two hours credit. This course is offered for those who contemplate teaching little children or superintending the work of the grades.

COURSE 15.—Teachers' training course. Two hours. Open to members of the Senior class, College students, and persons offering equivalent preparation and experience. It includes the steps in the historical development of the English language, discussion of methods of presenting work in English courses of study, and the results that should be expected from properly prepared plans of work.

COURSE 16.—Literature. Two hours credit. Selected to correlate with nature study and American history. Offered especially for superintendents, and for teachers of primary and grammar grades. This course gathers together the prose and poetry of "out-of-doors" available for use as language work in correlation with the nature study pursued in a given season of the year. It collates the literature that has been inspired by the deeds of great men and by the events important in the nation's history.

COURSE 17.—Rise and development of English drama previous to Shakespeare. Four hours.

COURSE 18.—Lyric poetry. Four hours.

COURSE 19.—Epic poetry. Four hours.

COURSE 20.—History and development of the modern essay. Four hours.

COURSE 21.—Literary study of the Bible. One hour. Friday, five P. M.

COURSE 22.—American literature. Seminar. Three hours. Monday, Wednesday and Friday.

COURSE 23.—Alfred Tennyson. Seminar. Two hours credit. Monday and Thursday.

COURSE 24.—Robert Browning. Seminar. Four hours.

COURSE 25.—Rise and development of the English novel. Seminar. Four hours.

COURSE 26.—Chaucer. Seminar. Four hours.

GENERAL PEDAGOGY.

GENERAL AND APPLIED METHODS.

COURSE 1.—General methods. Required. Two hours credit. Offered each term. A textbook on the principles of teaching is studied. The following topics are emphasized: The meaning of education; the aims of school education; the scope of school education; the psychological basis of education; instincts and capacities; self-activity; apperception; interests; individual differences in children; attention; principles of association; habit formation; memory; principles of analysis; reasoning; inductive and deductive methods of teaching; the formal steps of instruction; education and conduct; moral training; imitation and suggestion; responses of feeling; the esthetic emotions; taste; motor expression; verbal

expression; expression through the arts and industries; teaching form; teaching execution.

COURSE 2.—Primary methods. Elective. Two hours credit. Offered first, third and fifth terms. It is the purpose in this course to offer in lecture form a critical study of methods of presenting principal subjects of instruction in the lower grades. This work is more extended and definite on the various subjects than is possible in the limited time available in connection with the academic and advanced treatment of the same. The teachers will be led to test methods and to govern their application of the same by the laws of mind. After each subject is completed, illustrative lessons will be given with the pupils of the first three years of the Model School.

The principal subdivisions of the work are the following: (1) *Primary reading:* Earliest methods—A-B-C, phonic, phonetic, word, sentence, word steps in a reading lesson; use of illustrations; presenting new words and phrases; silent reading or thought work; expression; the acquisition of a vocabulary; reciting a reading lesson; supplementary reading, questioning; school readers, or entire classic work; seat work. (2) *Nature study and language:* Study objects in nature, showing how they may be used and correlated with language work; use of the story and poem; oral language; written language; primary composition; gardening. (3) *Spelling:* Selection of words; assignment of lesson; steps in the recitation; grouping words; dictation work, relative place of oral and written spelling. (4) *Arithmetic:* Value as a means of mental training; earliest methods—Pestalozzian, Quincy, Grube, Sonneschein, Speer; use and limitation of objective teaching; early work in fractions, etc.; relations between mental and written work; method of recitation; drills; seat work. (5) *Geography:* Its place in the primary course; home geography; outdoor or field lessons; sand modeling; life in other lands, as taught from Jane Andrews's Seven Little Sisters and The Ten Boys; relation of geography to social life; occupations and industries; map work. (6) *Music:* Tonic sol-fa and staff; breathing, rhythm, tone work; ear training and eye training; note and rote work; analysis of song.

In the list of helps are: Sarah Arnold's Waymarks for Teachers; Sarah Arnold's How to Teach Reading; McMurry's Special Method for Reading; McMurry's Special Method for Geography; McMurry's Special Method for Science; Scott's Nature Study; Bailey, Lessons on Plants; Bailey, The Nature-study Idea; Hodge, Nature Study and Life; Hemenway, School Gardening; Clarke, Reading; Parker's Talks on Pedagogy; Cooley, Language Manual; Frye, Sand Modeling.

COURSE 3.—Kindergarten methods. Two hours credit. This course will include subjects concerning the field of the usual kindergarten training, giving a survey of the same on a broad scale, and viewed from a psychological and practical standpoint, with hints as to application in primary work. The following topics will be considered: Kindergarten gifts and occupations (the manual training of the kindergarten); kindergarten songs and games, and physical culture in relation to the games; the art of relating stories; Froebel's Pedagogics; Education of Man; Froebel's Mother Play; Froebel's Educational Laws. All these subjects will be dealt with by means of lectures, free discussions, and practical illustrations. This course may be recommended not only to primary teachers, but to all principals and supervisors, that they may better understand the work of the primary and kindergarten teacher.

HISTORY OF EDUCATION.

COURSE 1.—History of education. Two hours. Required for life diploma. An introductory course, aiming to show something of the sources of information as a basis for educational interpretation. Tendencies rather than men are dealt with. The last sections have to do with present educational conditions and problems and the relations of each section with present conditions are emphasized. Offered every term. Monroe's Brief Course in the History of Education.

COURSE 2.—History of education. Two hours. An intensive study of the history of education, dealing with men as the representatives of reforms and new movements. Each student will be required to make an especial study of some reformer. Cubberley's Outlines of the History of Education will be used as the basis, with lectures and reference work.

COURSE 3.—Evolution of primary education. Two hours. Designed especially for kindergartners and those specializing in primary methods. Primary education in Greece and Rome will be hastily sketched, followed by the primary schools of the Middle Ages, such as the guild, chantry and burgher schools. Beginning with Comenius, especial attention is paid to the reformers down to and including President Hall.

COURSE 4.—Educational classics. Two hours. Selections from Aristotle, Plato, Quintilian, Jerome, Luther, the "Ratio Studiorum," Milton, Comenius, Locke, Rousseau, Pestalozzi, Froebel and Spencer will be read as time permits. From time to time the original will be compared with the criticisms of prominent educators. Painter, and references.

COURSE 5.—Foreign school systems. Two hours. A study of the school systems and supervision in Germany, France and England. A constant comparison of school conditions and problems of the United States is made. Hughes's The Making of Citizens is followed. References and lectures.

COURSE 6.—American school systems. Two hours. A study of American school problems and the way they have been and are being solved by the several states. A comparison with the systems of other countries is made. A certain amount of original investigation is required. References and lectures.

COURSE 7.—School hygiene. Two hours. This course is based on the thought that growth and health should be the prime essential to education. The connection between physical health and the power of voluntary control, and hence of conduct, is very close. Besides the usual problems of buildings, grounds, ventilation, postures, sanitation, etc., considerable time and attention is given to mental hygiene.

PSYCHOLOGY AND PHILOSOPHY.

PSYCHOLOGY.

COURSE 1.—Elementary psychology. Two hours. In this course the simpler aspects of the ordinary phases of mental activity are dealt with. Exercises also are given to develop introspection and to give familiarity with the mental processes. Given each term.

COURSES 2 AND 3.—General psychology. Four hours. A systematic treatment of the subject is attempted. Some experimental work in the line of illustration is given. Individual topics also are assigned for more thorough study. Given at least three times a year.

COURSE 4.—Child psychology. Two hours. Treats generally of the mental development of children, seeking to give a basis for education in the elementary grades. Given second and fourth terms.

COURSE 5.—Comparative psychology. Two hours. In this course a study of the mental life of animals is made and comparisons drawn with human activity, especially that of children. Offered fourth term for 1910-'11.

COURSES 6 AND 7.—Advanced psychology. Four hours. A course in which the subject is studied with considerable detail. Given second semester every two years. Offered for 1910-'11.

COURSE 8.—Psychology of religion. Two hours. A study of the psychological phases of religion, with the aim of improving the quality of religious pedagogy, particularly in Sunday-school and missionary work. Given every two years. Offered the fourth term for 1909-'10.

COURSE 9.—Social psychology. Two hours. A study of those interests and instinctive tendencies of the mind that are the result of the community life of the race. Intended as a basis for a more truly social pedagogy. Offered the third term each year.

COURSE 10.—Psychology of adolescence. Four hours. A study of the nature of the adolescent mind. Given with the aim of laying a foundation for the pedagogy of secondary instruction. Given every two years. Offered in the second semester for the year 1909-'10.

COURSE 11.—Abnormal psychology. Two hours. Beginning with sleep and dreams, the student is taken through the borderland phenomena of hypnotism, multiple consciousness, illusions, hallucinations, to spiritism and insanity. Every attempt is made to place the work on a scientific basis and to distinguish between truth and error. Lectures and required readings. Given every two years.

COURSE 12.—Applied psychology. Two hours. In this course important topics in psychology are treated in their educational aspects. Many of these, of the utmost value for the teacher—such, for instance, as the learning process, economical methods of learning, education of the senses, etc.—have little or no space in the ordinary textbook. Something of the results of experimental pedagogy also is given. Offered the fifth term each year.

PHILOSOPHY.

COURSE 1.—Philosophy of education. Two hours. A study of the principles of education with the aim of finding their philosophical implications. Third and fifth terms.

COURSE 2.—History of ancient philosophy. Two hours. This course deals with the beginnings of philosophy, especially Greek philosophy. Some time is devoted to the reading of Plato and Aristotle, followed by a rapid survey of early Christian and medieval philosophy. Offered each year, in first semester.

COURSE 3.—History of modern philosophy. Two hours. A study of the development of modern philosophy from Descartes to the present. A work of some representative modern philosopher is read in connection with this course. Given once a year, in first semester.

COURSE 4.—Philosophical systems. Two hours. A course intended to introduce the student to the systematic study of philosophical problems. Given every two years, in fourth term.

COURSE 5.—Problems in modern philosophy. Two hours. A study of

certain tendencies in modern philosophy. In the spring term of the year 1909-'10 pragmatism and idealism will be offered.

COURSE 6.—Logic, deductive and inductive. Two hours. This study aims to cover the ground usually embraced in such a course. Attention of debaters is called to this course. Given in the fall term every two years.

COURSE 7.—Ethics. Two hours. This course begins with a study of the developmental side of the subject. Attention is then given to the historical systems. It should be preceded by courses 2 and 3. Given the first semester every two years.

COURSE 8.—Metaphysics. Two hours. The problems of metaphysics, such as the nature of mind and matter, the nature of reality, the nature and functions of the judgment, the theory of space and time, moral freedom and casualty, will be studied, approaching them from the epistemological side. Based upon assigned readings in Mill, Bradley, Bosanquet, Taylor, Royce and Dewey. Open to Juniors and Seniors. Four recitations per week.

SCHOOL ADMINISTRATION.

COURSE 1.—Rural-school administration. Two hours. The purpose in this course is to consider the practical problems of the rural-school teacher; such as the equipment and arrangement of a modern one-room schoolhouse, the first day of school, the daily program, the recitation, correlation of subjects, discipline, hygiene—in short, to acquaint the student with the work being done in the best rural schools of to-day. Based upon Seeley's text and assigned readings in the library. Four recitations per week. Offered each semester.

COURSE 2.—This is a course in school law. Two hours. Such topics as public funds, the raising and distribution of school taxes, bonds, certification, the district, consolidation of rural schools, the city system, compulsory education, the juvenile court and the high-school system will be considered, basing the work on the Kansas school plan, but making a comparative study of similar laws of other states. Emphasis will be placed upon proposed and desirable modifications in school law. Four recitations per week.

COURSE 3.—Two hours. Designed for students preparing to teach in the elementary grades of city schools. The following topics are emphasized: the qualifications of the teacher, grading and promotion, the recitation process, discipline, study and preparation, school incentives, the school and the community, etc. Text, Dutton, School Management. Four recitations per week.

COURSE 4.—Two hours. This course is designed primarily for students wishing to consider modern school problems, especially such as confront principals and superintendents; for example, problems relating to the financing of public education, units of school administration, the teaching staff, the elementary course of study, the administration of high schools, and the administration of physical and correctional education. The work is based upon Dutton and Snedden's text, Administration of Public Education in the United States, and Chancellor's text, Our Schools: Their Administration and Supervision.

COURSE 5.—Problems of secondary schools. Two hours. This course is designed to be an intensive study of the problems of secondary education, such as the function of the high school, its relation to the elemen-

tary school, the university, and society; the program of studies; the pupil, the teacher, the principal and superintendent; organization and management, discipline, etc. The work of the leading high schools will be studied, but at the same time the practical needs of the smaller high schools will be kept in mind. A comparison of the American with the German and English secondary schools will be made as to their organization and management and the other problems involved. Offered twice a year.

TEACHING.

The Training School offers teaching and observation in all grades from the kindergarten through the grammar school. Four hours credit in teaching is required for the three-year certificate, six hours for the life diploma, and eight hours for the degree of bachelor of arts. Prerequisite, psychology 1 and methods 1.

COURSE 1.—Two hours. Five periods per week. Work in outlining subject matter, preparing lesson plans, observation and discussion of work done by other teachers and teaching in the presence of the critic teacher. Given each term.

COURSE 2.—Two hours. Five periods per week. Student has charge of a class under close supervision. Given each term.

COURSE 3.—Two hours. Five periods per week. Student will have more independent charge of class and will be held responsible for results. In this course students will demonstrate their ability in teaching. Given each term.

COURSE 4.—Two hours. Five periods per week. Required in degree course. Students taking this course may be required to do supervisory work or teaching as their needs may seem to suggest. Those preparing for principalships and superintendencies may do general observation and critic work with a view to meeting the problems of an entire school. Those planning for high-school work may be given advanced classes to teach. Given each term.

GEOGRAPHY.

COURSE 1.—Physiography. A general view of the subject, such as can be included in one-half year of high-school work. Laboratory and field lessons are given twice a week.

COURSE 2.—Political geography. One-half unit. Includes a special study of North America, with Russell's volume upon the same as a guide as to content, and Redway's New Basis for Geography for the method in treating the same.

COURSE 3.—Commercial geography. One-half unit. Designed to correlate with the work in the department of commerce.

Courses 1*a*, 2*a*, 3*a*, for advanced certificate students, two hours credit each, cover practically the same work as the above.

COURSE 4.—Intensive study of Europe. Two hours. Presupposes 1 and 2 or 1*a* and 2*a*. The work given is based upon Reclus's Europe. Mill's International Geography is recommended as a reference work.

COURSE 5.—Advanced physiography. Two hours. Salisbury's complete text is used. A special study is made of topographic maps, with a view to the scientific interpretation of land forms and their influence upon the institutional development of a country.

COURSES 6, 7, 8.—Two hours each. The scope of these courses is sufficiently indicated by their titles: Meteorology, ethnology, climatology.

HISTORY.

AMERICAN HISTORY.

COURSE 1.—American history, 1492-1800. One-half unit. A careful, chronological study of the entire field of that period.

COURSE 1*a*.—Two hours. Same as course 1 but given in one-half the time.

COURSE 2.—American history, 1800-1900. One-half unit. A careful chronological study of the entire field of that period.

COURSE 2*a*.—Two hours. Same as course 2 but given in one-half the time.

COURSE 3.—Kansas history. Two hours. The territorial struggle and the state history are presented.

COURSE 4.—Prehistoric discovery and explorations, 1492-1607. Two hours. European conditions leading to our age of discovery. Ancient life on the American continent. Discoverers and explorers are studied as to character, motives, work accomplished and results.

COURSE 5.—History of New England. Two hours. European conditions leading to first settlements. American conditions leading to later settlements. Development of New England.

COURSE 6.—History of the southern and middle colonies. Two hours. European conditions leading to first settlements. Facts necessitating later new colonies. Why the middle country presented questions different from New England and the South. Results. Why the South was slow in development.

COURSE 7.—Social, economic and institutional history of the American colonies. Two hours. An exhaustive study of the rise, development and effect of these various phases of life in each section of the country, from the founding of the colonies to the Declaration of Independence. How it all contributed to independence as an assured fact and made dependence a further impossibility.

COURSE 8.—The American Revolution. Two hours. The story of the struggle of the colonies for independence is always dramatic in the extreme. This course offers abundant opportunities to study the principles involved and the means used by each party to achieve desired ends.

COURSE 9.—Political history of the American nation under the Articles of Confederation. Two hours. The story of the struggle for the new nation to realize itself in government.

COURSE 10.—Constitutional history, 1789-1817. Two hours. The period of foreign domination. The new constitution stands the severe test of most trying conditions at home and abroad.

COURSE 11.—Constitutional history, 1817-1845. Two hours. An era of great internal development. Domestic matters occupy national attention.

COURSE 12.—History of the Southern states, 1776-1860. Two hours. A careful study of growth of these states in their economic, political and institutional life, as a preparation for the solution of the problems of reconstruction.

COURSE 13.—History of the West. Two hours. The place the West has had in the nation's life, meeting its material needs, furnishing its governmental perplexities, shaping its policies, what part its great industries have in the world's economy.

COURSE 14.—Constitutional history, 1845-1860. Two hours. Many

economic questions with their constitutional bearings, with special reference to the Rebellion. Rise of new movements, educational, political, philanthropic, religious, literary, governmental.

COURSE 15.—The Rebellion, 1861-1865. Two hours. General facts underlying the precipitation of the conflict. Close study of the great campaigns, to discover designs of leaders and methods used. Resources as to army, navy, supplies, methods of transportation. Attitude of foreign countries. Prominent political leaders. Results.

COURSE 16.—Reconstruction, 1865-1876. Two hours. The problem, what it involved, difficulties surrounding, ends to be attained. As undertaken by Lincoln, by Johnson, by Congress. Leaders and their speeches. Impeachment and the election of 1876. Courses 7, 9, 10, 11, 12 and 14 are excellent preparation for this course.

COURSE 17.—Political history since 1877. Two hours. Sets forth the trend of events in the North and in the new South since the reconstruction times. The prominent place America has taken in international affairs, her high standards for public relations, her giant strides in all lines of activity.

COURSE 18.—The diplomacy of expansion. Two hours. Our territorial growth, reasons for the acquisitions, complications involved, methods employed. Results.

COURSE 19.—History of political parties. Two hours. The necessity for parties; the rise, principles maintained, development, influence and decadence of our political parties before and since the adoption of the constitution, both dominant and minor.

COURSE 20.—Two hours. The various tariff acts as measures of policy and of finance. Their intent, provisions and results. It is advisable to have previously completed courses 9, 10, 11, 14.

COURSE 21.—The great religious movements in America. Two hours. A study of religion as a factor in American history. Kinds, beliefs, methods of work, effect on thought, on migration, on industry, on our institutions, on law and its interpretation. Should be elected as an advanced course.

COURSE 22.—The teaching of American history. Two hours. Each student must work out from the library certain lines of bibliography in American history. Texts are criticized; courses of study are prepared; supplementary reading lists are prepared; certain particular phases of historical presentation are discussed; best methods to be used in different grades and for different parts of the history are presented. In short, this course is to give the future teacher of American history an equipment, first, of sources of knowledge, and, second, methods of using such knowledge. Required of all who elect history as a major. It must be preceded by at least twelve hours' work in American history.

COURSE 23.—Seminary in American colonial history. Two hours. Individual assignments for thorough investigation. Reports and papers. Open only to Seniors and graduates.

COURSE 24.—Seminary in American constitutional history. Two hours. Individual assignments. Reports and papers. Open only to Seniors and graduates.

GOVERNMENT.

COURSE 1.—One-half unit. The United States constitution is the field of study. Its history, the meaning and the application of each part. Historical illustrations. The actual working of institutions existing because of the provisions of the constitution. Required of all students before any other course in government is elected. Requisites, courses 1 and 2 of American history.

COURSE 1*a*.—Two hours. The same as course 1 but given in one-half the time.

COURSE 2.—Two hours. This course takes up the growth of municipal government, especially that of the leading cities of the United States. Such problems as lighting, sewage, police, transportation and the commission system are studied.

COURSE 3.—State government. Two hours. The Kansas constitution is the field of investigation. Its formation, evolution and application. Legislation, judicial rendering, present problems.

COURSE 4.—Two hours. Advanced study of United States constitution, as seen in cases which have involved the great principles of our government.

COURSE 5.—Comparative constitutional law. Two hours. The forms of government of the leading countries of Europe are studied and compared with the constitution of the United States. Should be elected only as Senior work.

COURSE 6.—National administration. Two hours. A study of the actual method of administering our national government. What departments, bureaus and officers exist, and what are the duties of each.

COURSE 7.—International law. Two hours. The general principles underlying the relations of nations in peace and in war; the rules governing them in commercial intercourse, in neutrality, and in all lines of diplomatic intercourse. This must be preceded by at least three courses in American history and two in European history.

COURSE 8.—American treaties. Two hours. A critical analysis of the treaties the American nation has entered into with other nations, with a survey of conditions and principles involved. This is applied international law to American diplomacy.

COURSE 9.—Seminar in government. Two hours. Topics for personal study are assigned to individual members of the class. Reports and papers. Open only to Seniors and graduates.

COURSE 10.—Current governmental problems. Two hours. It is intended that the scope of this course shall not be limited to American problems. As a requisite, a good working knowledge of American and European history is desirable.

EUROPEAN HISTORY AND POLITICAL SCIENCE.

COURSE 1.—Ancient history. One-half unit. This course offers a thorough elementary drill in the essentials of general history to the time of Charlemagne. Both first and second semesters.

COURSE 1*a*.—The same as course 1 but given in half the time.

COURSE 2.—Medieval and modern history. One-half unit. Given both first and second semesters.

COURSE 2*a*.—The same as course 2 but given in half the time.

COURSE 3.—History of Greece. Two hours. Emphasis is laid on the artistic, intellectual, religious, social and economic, no less than the political life of the people. Special attention is also given to mythology as an aid to teachers in secondary schools. Fourth term.

COURSE 4.—History of Rome. Two hours. This course follows Rome from the legendary period to the days of her world mastery and fall, laying special stress on her permanent contributions to the civilization of the modern world. Fifth term.

COURSES 5 AND 6.—English history. Four hours. Course 5 covers the period from the Roman conquest to the accession of the Tudors. Course 6 covers the remainder of the history of England down to the present. These courses must precede any advanced work in European history and form the best preparation for work in American history. They should be taken in regular order, but with the consent of the department a grade in either course may be given separately. Given both first and second semesters.

COURSE 7.—The Middle Ages. Two hours. A general survey of the history of western Europe from the fall of Rome to the Reformation. Required of students taking European history as a major. Given second term.

COURSE 8.—Medieval institutions. Two hours. An intensive study of a number of select problems in medieval political and religious institutions and history. Prerequisite, course 7. Given third term.

COURSE 9.—Modern history. Two hours. A general survey of the history of Europe from the Reformation to the present time. Required of all students taking European history as a major, unless two of the three courses 10, 11 and 12 are taken. Given third term.

COURSE 10.—The Reformation. Two hours. This is a distinctively College course covering the causes, events and results of the period of religious reform, 1500 to 1648. Given second term.

COURSE 11.—The French Revolution and Napoleonic era. Two hours. A College course beginning with the industrial and philosophic revolution about 1750 and ending with the reconstruction of Europe in 1815. The dramatic interest of the period will not be neglected but the chief emphasis will be laid on the idealistic and institutional changes which have reconstructed Europe. Third term.

COURSE 12.—The nineteenth century. Two hours. This course begins with the reconstruction of Europe in 1815 and continues the history of Europe to the present. The development of nationality, the struggles leading to the unification of Italy and of Germany, and the gradual working out in evolution of the principles advanced in the revolutionary era will be carefully traced. It is intended that this course shall form a basis for the study of current history and live problems of the present day. Fourth term.

COURSE 13.—The teaching of history. Two hours. A course dealing with the psychology, methodology and fundamental aims of history. The literature and materials of history are analyzed; the use of sources and collateral readings is discussed and illustrated; the disciplinary and informational values and uses of history are estimated, and methods of classroom work are exemplified by the student. Fifth term.

COURSE 14.—Introduction to political science. Two hours. A course dealing critically with the origin, nature, sovereignty and construction

of the state; the relation of the different parts of the government to each other; the development of colonial systems and party government, and the origin and importance of the problems confronting the statesmen of the present. Given second term.

COURSE 15.—The constitutional history of England. Two hours. A review of the early charters and constitutional struggles of England, the founding and development of parliament and the cabinet, the establishment of the petition of right, the bill of rights, the habeas corpus act, the freedom of the press, of speech, and of worship, and the growth of the English democracy. Courses 5 and 6 are prerequisite. Third term.

COURSE 16.—The government of England. Two hours. An analysis of the present English constitution and the practical workings of the local, central and colonial governments as at present conducted. Courses 5 and 6 prerequisite. Fourth term.

COURSE 17.—European governments. Two hours. A comparative study of the politics and government of France, Germany, Italy, Austro-Hungary and Switzerland. European governmental systems and problems are compared with our own and a basis laid for the study of diplomatic and practical international questions. Should be preceded by course 14. Fifth term.

COURSE 18.—Municipal government in Europe. Two hours. A study in the administration of such cities as London, Glasgow, Hamburg, Berlin and Paris. Prerequisite, courses 16 and 17.

COURSE 19.—International law. Two hours. A study of the historical development and fundamental principles of the law of nations as illustrated in modern treaties, international agreements and diplomatic literature. Prerequisites, courses 6 and 12.

ECONOMICS AND SOCIOLOGY.

ECONOMICS.

COURSES 1 AND 2.—General economics. Four hours. Course 1 is a brief survey of the history, theory and principles of economics, to be followed in course 2 by a preliminary study in the application of these principles to existing economic conditions and problems. First semester. Course 1 may be taken separately with the consent of the department, and two hours credit given.

COURSE 3.—Money, banking and finance. Two hours. An outline of the history and fundamental principles of money and credit; banking history, theory and practice; and some of the practical financial problems of the day. Course 1 is a prerequisite. Second term.

COURSE 4.—Public finance. Two hours. An analysis of the fundamental principles of national finance as shown in the leading revenue systems of the world; the variety and nature and workings of the different elements of taxation in our national, state and municipal budgets; and an examination of the problems of current interest in legislation. Courses 1 and 3 prerequisite. Third term.

COURSES 5 AND 6.—Industrial history and organization. Four hours. A brief review of the medieval and early English industrial systems; the industrial revolution and its effects; the development of corporate industrial organization and the various problems it entails. The second term will be devoted to the industrial history of America. Prerequisite,

course 1 and a good knowledge of English and American history. Second semester.

COURSE 7.—Labor problems. Two hours. Labor systems and organization in Europe and the United States, with a preliminary study of such problems as the union label, strikes and lockouts, workingmen's insurance, employers' liability, profit sharing, coöperative production and distribution, and labor legislation in general. Prerequisite, course 1. First term.

COURSE 8.—Economic seminar. Two hours. A course investigating selected problems in socialism, corporation finance, currency and tariff legislation, labor, liquor and reform programs, railroad tariffs and control, foreign commerce, etc. Specially planned for debaters and those interested in current controversial and political questions. Prerequisites, course 1 and a good knowledge of history. Fourth term.

SOCIOLOGY.

COURSES 1 AND 2.—General sociology. Four hours. The first term outlines the general field of sociological theory, literature and thought, with a textbook, assigned readings, papers and general discussions. The second term will follow with an investigation of a variety of subjects dealing with dependents, defectives and delinquents, sociological legislation and reform, local and urban life. Lectures, assigned readings, reports and term papers. Course 1 may be taken separately and two hours credit given. Second semester.

COURSES 3 AND 4.—Sociological seminar. Two or four hours. The nature of the work will vary from term to term, part of it being in advanced theory and part in detailed topical investigation. Given only when called for by three or more students.

KINDERGARTEN.

COURSE 1.—Principles and method in the kindergarten. Four hours. Observation of teaching, daily records, class work. For first-year students. Given second and third terms. One hour daily.

COURSE 2.—Principles and method in the kindergarten. Four hours. Preparation of plans. Organization of group games and social plays; occupations. Practice teaching in the kindergarten. For first-year students. Given fourth and fifth terms. One hour daily.

COURSE 3.—Theory and practice. Four hours. A continuation of course 2, with emphasis on the study of individual children. Teaching in the kindergarten two hours daily, preparation of written plans, criticism. Each student will be responsible for a group of children and will be called upon to take charge of the kindergarten at stated times. Individual work in construction, design, games and stories. For second-year students. Given second and third terms.

COURSE 4.—Kindergarten technics. Two hours. Froebel's theories out of which the gifts and occupations grow, construction, building, modeling, and the study of the material used. The planning and presentation of plays for class criticism. The theory of play and its relation to work, the organization of dramatic plays, games, rhythmic plays, etc. For first-year students. Given second and third terms. Two hours each week.

COURSE 5.—Froebel's educational theories. Two hours. A study of Froebel's writings: The Education of Man, and The Mother Play Book. A comparative study of the educational theories of Froebel, Pestalozzi

and Herbart, the relation of their views to the philosophy of their time and their influence upon the present. For second-year students. Given second and third terms. Two hours each week.

COURSE 6.—Study of the kindergarten program. Two hours credit. A study of the principles underlying a continuous plan of work and play. A study of children's representative plays, folk or traditional games, gymnastic and ball games with reference to their elements of interest and their physical and social value. Selection and adaptation for use in the kindergarten. For first- and second-year students. Given one hour each week during second, third, fourth and fifth terms.

LANGUAGE.

LATIN.

COURSE 1.—Beginner's Latin. One-half unit. Whittemore's text will be used. About half of the book will be completed the first semester. The aim of this and course 2 is to master the elements of Latin form, declension, conjugation, comparison and fundamental rules of syntax. The acquisition of a vocabulary is an important aim of this year's work. A new class organized each semester.

COURSE 2.—Beginner's Latin. One-half unit. State text completed. Character of work as in course 1. New class organized each semester.

COURSES 1*a* AND 2*a*.—Beginner's Latin, and twenty-nine chapters of book I, Cæsar.

COURSE 3.—Cæsar, books I and II. One-half unit. Bennett's grammar. Latin Writer, lessons 1 to 21. The work of extended translation is begun. A thorough drill in principles of syntax, especially use of cases. Offered each semester.

COURSE 4.—Cæsar (advanced), books III and IV. One-half unit. Bennett's Latin Writer, lessons 21 to 44. The work of translation continues. The syntactical study emphasizes the various uses of the subjunctive mode. Offered each semester.

COURSES 3*a* AND 4*a*.—Cæsar, books I to IV (chap. 30). Cicero, four orations. Bennett's Latin Writer.

COURSE 5.—Cicero. One-half unit. Four orations against Catiline. Bennett's Prose Composition. In addition to the translation, special study of conditional sentences. Offered each semester.

COURSE 6.—Cicero (advanced). One-half unit. Manilian law, Marcellus and Archias. D'Ooge, Prose Composition, and original exercises in prose. Study of the Revolutionary period of Roman history, 132 B. C. to 114 B. C. Offered each semester.

COURSES 5*a* AND 6*a*.—Cicero and Vergil.

COURSE 7.—Vergil. One-half unit. Books I, II, III. Translation and mastery of the dactylic hexameter verse. Supplementary mythology. Each semester.

COURSE 8.—Vergil (advanced), books IV, V, VI. Outline of Guerber's Mythology. Offered each semester.

Courses 1 to 8, inclusive, may be covered by strong and mature students, at discretion of teachers of Latin, by courses 1*a* to 6*a*, inclusive, three years instead of four. Counts as thirty hours. Classes organized on sufficient demand.

COURSE 9.—Cicero. Four hours. De Senectute and De Amicitia. Selections from Livy, books XXI and XXII. Open to students who have com-

pleted secondary Latin in Normal or four years of high-school Latin. Will be offered in fall semester of 1911-'12.

COURSE 10.—Roman Antiquities. Four hours. Johnson's Private Life will be used as the basis for study of the private life, social customs, dress and kindred topics. The entire course is accompanied by lectures, library references, use of models, pictures and lantern slides. Will be offered the second semester of 1911-'12.

COURSE 11.—Horace. Four hours. Books of Odes, Carmen Sæculare, Ovid. Selections from Metamorphoses. Special study of Horatian meter. Extensive study of mythology. Will be offered fall semester of 1910-'11; also, summer term, 1910.

COURSE 12.—Advanced grammar, etymology and advanced prose. Four hours. Study of Bennett's Grammar and Appendix complete. One lesson per week in prose composition with Nutting's text. Hill's etymology will be used as a basis for five weeks' study in word analysis. Will be offered second semester, 1910-'11.

COURSE 13.—Latin satire. Four hours. Horace and Juvenal. Selected satires from both authors, with supplementary study of Roman literature for classic period 80 B. C. to 14 A. D. Offered on sufficient demand.

COURSE 14.—Latin comedy. Four hours. Captivi of Plautus, Andria of Terence, with selected comedies to be used in sight reading. Offered on sufficient demand.

COURSE 15.—Epistolary Latin. Four hours. Selections from the letters of Cicero and Pliny the Younger. Offered on demand.

COURSE 16.—Teachers' training course. Four hours. Study of Cæsar's campaigns; military antiquities; army organization. Methods of presentation of Cicero and Vergil to high-school classes. Will be offered in summer term of 1910.

MODERN LANGUAGES.

FRENCH.

COURSE 1.—Beginners' French. Four hours. Fraser and Squair's French Grammar, part I; Snow and Lebon's Easy French Reader complete. Dictation, memorizing, oral reproduction, conversation.

COURSE 2.—Beginners' French. Four hours. Fraser and Squair's Grammar completed; Colin's Contes et Saynetes; Feuillet's Roman d'un Pauvre Jeune Homme. Other work as in course 1.

COURSE 3.—Modern French. Three hours. Grandgent's French Prose Composition; Daudet's La Belle Nivernaise; Coppie and Maupassant Tales; Augier's Le Gendre de Monsieur Poirer.

COURSE 4.—Seventeenth century dramatists. Three hours. Grandgent's Composition completed; Moliere's L'Avare; Racine's Athalie; Corneille's Le Cid.

GERMAN.

COURSE 1.—Elementary German. One-half unit. Bacon's German Grammar, twenty-five lessons. Dictation, memorizing, oral reproduction, beginning of original composition, conversation.

COURSE 2.—Elementary German. One-half unit. Bacon's German Grammar, lessons 26 to 50. Other work continued as in course 1.

COURSE 3.—Second-year German. One-half unit. Bacon's German

Grammar completed; Gerstäcker's Germelshausen. Other work continued as in courses 1 and 2.

COURSE 4.—Second-year German. One-half unit. Pope's German Composition complete; Fulda's Unter vier Augen; Wildenbruch's Das Edle Blut; Seidel's Leberecht Hühnchen; Hatfield's Lyrics and Ballads.

COURSE 5.—Third-year German. One-half unit. Thomas's Practical German Grammar, part I. Original themes and letters, oral and written reproductions; Schiller's Wilhelm Tell, or Die Jungfrau von Orleans.

COURSE 6.—Third-year German. One-half unit. Thomas's Grammar completed; Lessing's Minna von Barnhelm; Eichendorff's Ausdem Leben eines Taugenichts. Other work as in course 5.

COURSE 7.—Fourth-year German. One-half unit. Keller's Bilder Aus der Deutschen Literatur; Hauff's Lichtenstein; Goethe's Hermann and Dorothea.

COURSE 8.—Fourth-year German. One-half unit. Keller's Bilder completed; Körner's Zirny; Rosegger's Schriften eines Waldschulmeisters. In courses 7 and 8, original essays in German on assigned themes will be required.

The following courses, covering the above work in shorter time, are open to students who have had two years' work in high school or its equivalent:

COURSES 1*a* AND 2*a*.—Eight hours credit. Bacon's German Grammar completed; Stern's Geschichten von Rhein completed; Gerstäcker's Germelshausen.

COURSES 3*a* AND 4*a*.—Eight hours credit. Pope's German Composition; Fulda's Unter vier Augen; Wildenbruch's Das Edle Blut; Seidel's Liberecht Hühnchen; Schiller's Wilhelm Tell.

COURSES 5*a* AND 6*a*.—Eight hours credit. Thomas's Practical Grammar completed; Keller's Bilder aus der Deutschen Literatur completed; Lessing's Minna von Barnhelm; Eichendorff's aus dem Leben eines Taugenichts; Goethe's Hermann and Dorothea; Rosegger's Schriften eines Waldschulmeisters.

COURSE 9.—Goethe. Three hours. Introductory study of his life. Two of his dramas.

COURSE 10.—Schiller. Three hours. Introductory study of his life. Wallenstein.

COURSE 11.—Lessing. Three hours. Introductory study of his life. Selections from his works.

COURSE 12.—Three hours. Modern German writers: Grillparzer, Hauptmann, Sudermann, and others.

COURSE 13.—Three hours. Modern German writers: Freytag, Keller, Rosegger, Freussen, and others.

Courses 9 to 13, inclusive, are open to students having had at least three years of German.

COURSE 14.—Two hours. Goethe's Faust, part I. Thomas's edition.

COURSE 15.—Two hours. History of German literature to Lessing.

COURSE 16.—Two hours. History of German literature from Lessing to the present.

Courses 15 and 16 open to Seniors only.

COURSE 17.—Two hours. Studies in Schiller's Wilhelm Tell, with special reference to teaching it.

COURSE 18.—Scientific German. Four hours. Rapid reading of easy scientific prose. Open to students who have had two years' high-school German or courses 1*a* to 3*a*.

COURSE 19.—Educational German. Three hours. A course in German prose, dealing with education, philosophy, and psychology. Open to students by permission of the instructor.

COURSE 20.—Sight reading. One hour. Rapid Reading or translation of literary prose. Open to students who have had three years of German.

COURSE 21.—Elementary conversation. One hour. Open to students by permission of the instructor.

COURSE 22.—German composition. Three hours.

COURSE 23.—Advanced German composition. Three hours.

COURSE 24.—Modern German grammar. Three hours. A study of grammar with special reference to teaching it.

COURSE 25.—German phonetics. Two hours. A careful study of German speech-sounds with reference to teaching them.

COURSE 26.—Teachers' course. Two hours. A study of the methods of teaching modern foreign languages and the organization of courses, lectures, discussions, reports, and observation and practice teaching. Open to Seniors only.

LIBRARY SCIENCE.

METHOD OF INSTRUCTION.

There are few textbooks on library subjects, and instruction is given in the form of lectures and assigned readings, followed by practice work under supervision, with discussion of both theory and practice. Individual research is encouraged. Examinations take the form of problems wherever practicable.

PREPARATION.

Students who wish to select courses with reference to taking a library course later are advised to consider the following: Modern language, psychology, history, English literature, economics, sociology, science, education and art. Typewriting is required.

COURSE 1.—Elementary reference. Lectures, with practical work following, to make new students feel at home in the library and able to use it to advantage.

COURSE 2.—Library methods. One-fourth unit. Methods of library instruction fitted to pupils in high school and grades; selection of books for school libraries; public school and public library interrelations; school library law.

COURSE 3.—Library economy. Three hours. Instruction follows regular library routine—order, accession, shelf-listing, mechanical preparation for the shelves, binding.

COURSE 4.—Reference. Two hours. Promotes familiarity with well-known reference works, with the use of indexes to periodicals and general literature, with general and special cyclopedias, dictionaries, annuals and ready reference manuals. Lists of questions to be answered by use of the works studied are given and methods of finding answers discussed.

COURSE 5.—Children's literature. Three hours. Reading of pedagogical stories as an introduction; consideration of methods of interest-

ing children in good literature; principles of book selection; establishment of wider knowledge of children's books by actual examination and reading; study of types of the best modern children's books.

COURSE 6.—Story-telling. Three hours. Aim to develop in the student the power to discover in the world's literature, in history and in life the best stories for education, and to tell them well; also to foster creative work in arranging stories from classic and historic sources for presentation in special grades.

COURSE 7.—Classification of books. Three hours. The decimal classification is taught, books being assigned for classification by each student. The work is revised and discussed in class. The expansive and other systems are described. For book numbers use of the Cutter alphabetic order table is taught, with special schemes for certain authors.

COURSE 8.—Library history. Two hours. A study of the foundation and development of leading ancient, medieval and modern libraries, with special attention to the library movement in the United States; library associations and commissions; traveling libraries; coöperative work; relation of public libraries and public schools; some study of library architecture.

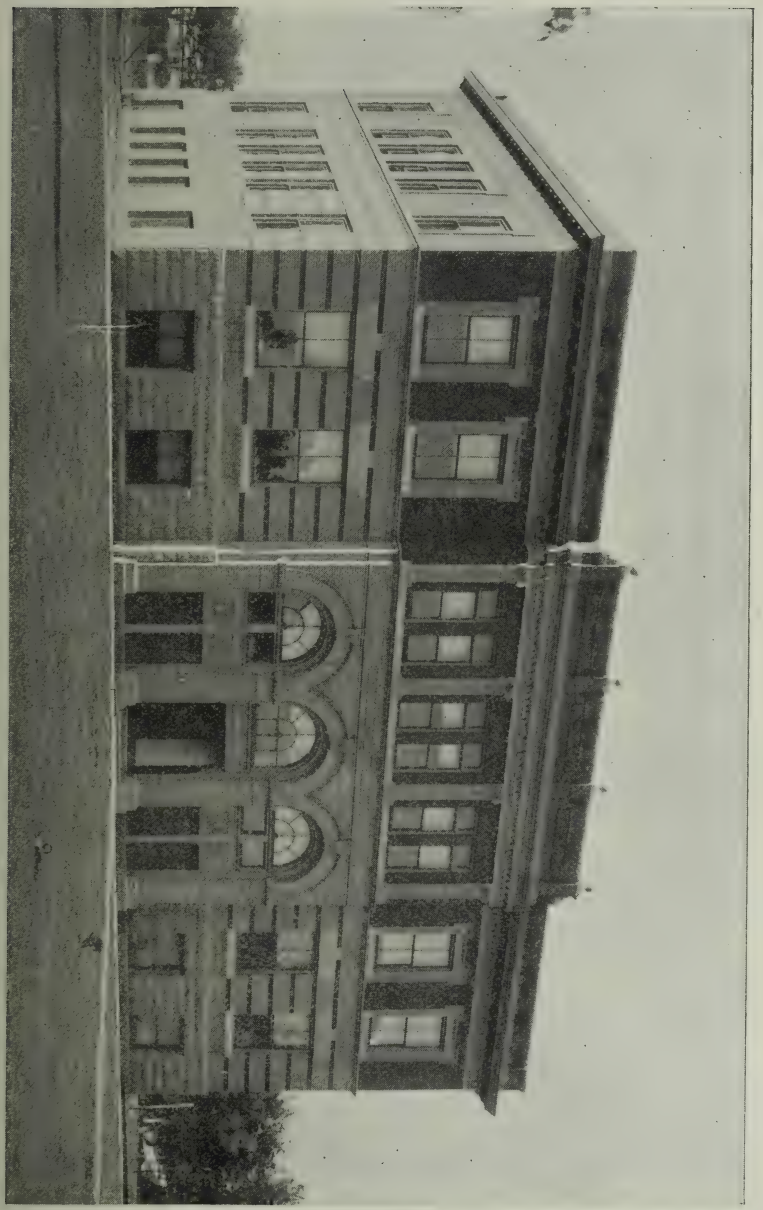
COURSES 9 AND 10.—Cataloguing. Five hours. Instruction confined to dictionary cataloguing, special emphasis being laid upon underlying principles. Simplified Library School Rules, Cutter's Rules for a Dictionary Catalogue, A. L. A. rules and A. L. A. list of subject headings are used as bases for instruction. Simple cataloguing for public documents is included. Instruction is supplemented by independent cataloguing under supervision.

COURSE 11.—Bookmaking. One hour. Earliest records; brief study of the history of writing and famous manuscripts; paper making; origin and development of printing; early printer-publishers; noted modern presses; book illustrations; bookbinding from the artistic point of view; growth of the book trade.

COURSE 12.—Public documents. Two hours. Intended to familiarize the student with publications of various government departments; methods employed in printing, binding, indexing and distributing; history of government publication; selection of material for school and small public libraries.

COURSE 13.—Bibliography. Three hours. Special-subject bibliography supplementing the course in reference, with study of the best books of general literature, bringing to the student information concerning the existence of books in certain selected fields, of what they treat, and what they will do for him. It should help both in the field of specialization and general culture.

COURSE 14.—Organization and administration. Three hours. Principles applicable to school libraries and to small public libraries; efficient and economical service kept in view. Prerequisites, courses 3, 7 and 8. Courses 9 and 10 either to precede or to be taken at the same time.



TRAINING SCHOOL.

MATHEMATICS.

ARITHMETIC.

Text, Payne's Practical Arithmetic.

COURSE 1.—One-half unit. This course covers the work of the text through the fundamental operations, divisors, multiples, analysis, fractions, decimals, denominate numbers, metric system, business practice, percentage, profit and loss, commission, trade discount, stocks and bonds, taxes, and United States revenue.

COURSE 2.—One-half unit. This course completes the text, covering interest, true discount, bank discount, compound interest, exchange, equation of accounts, ratio and proportion, partnership, bankruptcy, involution, evolution and mensuration. Emphasis is placed upon methods of presentation. Open to all students who have completed course 1.

COURSES 1*a* AND 2*a*.—Similar to the above, for advanced certificate students.

COURSE 3. Two hours. This course is for graduates of high schools and students who have completed courses 1 and 2, and covers the 100 review problems, and reviews the entire text.

ALGEBRA.

Texts, Well's Textbook in Algebra and Payne's Methods in Algebra.

COURSE 1.—One-half unit. This course covers the work of the text through the fundamental operations, divisors, multiples, factoring, fractions, integral equations, fractional equations, simultaneous linear equations, involution, evolution, and theory of exponents.

COURSE 2.—One-half unit. This course covers the work of the text through the topics of surds, quadratic equations, equations solved like quadratics, simultaneous quadratic equations, indeterminate equations, ratio and proportion, variation, progressions, logarithms. Open to all students who have completed course 1.

COURSES 1*a* AND 2*a*.—Similar to the above, for advanced certificate students.

COURSE 3.—Two hours. This covers the work of Wells' College Algebra through the topics of inequalities, graphics, binomial theorem, harmonical progression, advanced cases in factoring, determinants, permutations, and combinations. Open to all students who have completed course 2.

COURSE 4.—Two hours. Theory of equations, Wells' College Algebra. Open to all students who have completed course 3.

COURSE 5.—Two hours. This course covers the work of the text through the topics of inequalities, graphics, binomial theorem, harmonical progression, determinants, permutations, and combinations. Open to all students who have completed course 4.

COURSE 6.—Two hours. Theory of equations. Open to all students who have completed course 5.

COURSES 3*a*, 4*a*, 5*a* AND 6*a*.—Similar to the above, for advanced certificate students.

GEOMETRY.

Text, Wentworth's Plane and Solid Geometry.

COURSE 1.—One-half unit. This course covers books I, II, III and IV of the text. Open to all students who have completed algebra course 2.

COURSE 2.—Two hours. This course covers books V, VI, VII and VIII of the text. Open to all students who have completed course 1.

COURSE 3.—Two hours. A teachers' course in constructive and solid geometry, giving a review of the entire text. Open to all students who have completed course 2.

COURSES 1*a*, 2*a* AND 3*a*.—Similar to the above, for advanced certificate students.

TRIGONOMETRY.

Text, Wentworth's Plane and Spherical Trigonometry.

COURSE 1.—Two hours. This course covers the work of the text through plane trigonometry and the spherical through the right and quadrantal triangles. Open to all students who have completed course 4 of algebra and course 3 of geometry.

SURVEYING.

Text, Wentworth's Surveying.

COURSE 1.—Two hours. This course embraces the use of drawing instruments, the transit, plane table, solar compass, and Y level—the ordinary work of the county surveyor. Each student is required to spend one hour per day for ten weeks in actual field work with instruments. Open to all students who have completed the course in trigonometry.

ANALYTICS.

Text, Wentworth's Analytical Geometry.

COURSES 1 AND 2.—Four hours. These courses cover the work of the text through the topics of loci, the straight line, the circle, and transformation of coördinates. Open to all students who have completed trigonometry and course 4 of algebra.

COURSES 3 AND 4.—Four hours. These courses cover the work of the text through the parabola, ellipse and hyperbola. Open to all students who have completed courses 1 and 2.

CALCULUS.

Text, Snyder and Hutchinson's Calculus.

COURSES 1 AND 2.—Four hours. Differential calculus. Open to all students who have completed courses 1 and 2 of analytics.

COURSES 3 AND 4.—Four hours. Integral calculus. Open to all students who have completed courses 1 and 2.

ASTRONOMY.

Text, Young's Elements of Astronomy.

COURSE 1.—Two hours credit. Discussion of the leading facts of the science, and the general methods by which these facts are ascertained. Several evenings' observational work with telescope and transit. Nature, location and classification of stars; their grouping in clusters and con-

stellations; their varied characteristics as exhibited in color, doubles, multiples, variables, etc. Verification by observation of the telescopic features of the moon, the planets, the nebulæ, comets, etc. Phenomena and causes of eclipses. Meteors and shooting stars, together with the nebular and meteoric theories of the evolution of the solar system. No mathematics higher than plane geometry will be required to enable one to do the work of this course. Four recitations per week.

COURSE 2.—The work of this course requires the completion of course 1, higher algebra, plane and solid geometry, plane and spherical trigonometry, and at least one-half year's work in physical science, including mechanics, sound, light and heat.

MUSIC.

VOCAL MUSIC.

The courses in this department have for their end, first, the preparation for teaching and supervision of music in the public schools; second, the development of the individual student along musical lines by laying the foundation for the independent reading of music, correct principles of singing, and a general musical appreciation.

The fact that the demand for qualified teachers and supervisors has been considerably greater than the supply at Emporia and elsewhere is evidence that students who are musically inclined should give due consideration to this opportunity. Requests are frequently received for teachers who, in addition to the training for the teaching of music in the schools, have completed certain work in drawing or elocution.

Teachers' Certificate.—Students who, in addition to the work required for the three-year certificate, complete courses 2, 5, 7, 8, 11, 12, 18 and 22 will be granted a teachers' certificate in public-school music. (Course 19 may be substituted for 11 and 22.)

Supervisors' Diploma.—Holders of the teachers' certificate above mentioned, for one year of additional work under the direction of the head of the department will be awarded a supervisor's diploma in public-school music.

Department Teaching.—The amount and character of specific music teaching, as well as required general teaching, for which it will serve as a substitute, is dependent upon the previous experience and natural ability of the individual student. The election of certain of the courses offered, together with the individual voice training outlined in the department of music, affords as thorough and comprehensive instruction for the soloist or teacher of singing as can be obtained in the leading conservatories of the East. The close correlation of the science of music and sight-reading with the practical technique of voice production is of the greatest importance.

COURSE 1.—This deals with the elements of music—pitch, rhythm, notation, sight reading in the treble clef. Designed for beginners. Given each semester.

COURSE 1*a*.—Two hours. The same as the preceding course but especially offered for students who have had some training in the public schools. Offered every term.

COURSE 2.—Two hours credit. Introduction of the bass clef; two- and three-part singing; terminology; minors, ear training. Offered every term.

COURSE 3.—Two hours. Advanced sight reading; four-part work; writing and recognition of intervals and chords. Second and fourth terms.

COURSE 4.—Kindergarten and primary. Required in kindergarten course. Treatment of the child voice; development of the sense of rhythm and melody; selection and presentation of rote songs. Third and fifth terms.

COURSE 5.—Methods. Two hours. Outline of the work for the various grades; means and devices employed in teaching public-school music. First, second and fourth terms.

Prospective teachers or supervisors who have had no experience are required to do teaching in this class before undertaking work in the Model School.

COURSE 7.—Department teaching. Two hours. Observation and teaching in the primary grades of the Training School.

COURSE 8.—Department teaching. Two hours. Observation and teaching in the middle grades of the Training School.

COURSE 9.—Department teaching. Two hours. In the upper grades of the Training School.

COURSE 10.—One hour. Advanced teaching and conducting of chorus.

COURSE 11.—Voice training. One hour. Class work; acoustics and vocal physiology; relation of the speaking and the singing voice; practical drill in the essentials of correct tone production; relaxation, phases of respiration and resonance. Open to students who have completed courses 1 and 2 and are carrying other departmental work as suggested by the head of this department. Offered first, second and fourth terms.

COURSE 12. Chorus singing. Two hours, for one year's work of not less than fifty rehearsals. Open to students who have completed courses 1 and 2, upon application to the director. Credit is allowed only for uninterrupted attendance, satisfactory work and evidence of advancement.

COURSE 13.—Chorus singing, advanced. Continuation of course 12. Conditions of credit as in previous course.

COURSE 14.—Advanced ensemble practice. Two hours. The study of various vocal forms, including the chant, anthem, cantata, oratorio, madrigal and opera. Open to advanced students and those specially qualified.

COURSE 15.—Harmony. The subject is presented in an elementary and practical manner, that it may be of the greatest value to the supervisor, giving a working vocabulary of chords and leading to a clear understanding of part singing.

COURSE 16.—Counterpoint. Introduction to melody writing and the art of composition.

COURSE 17.—History of music.

COURSE 18.—Two hours. Voice training. Individual. Courses 1 and 2 or their equivalent must precede. Designed with special reference to the supervisor as a teacher of correct tone production. Biweekly for two terms, with assigned solo ensemble practice.

COURSE 19.—Voice training. Two hours. Continuation of course 18.

COURSE 20.—Voice training. Two hours. Continuation of course 19.

COURSE 21.—Voice training. Two hours. Continuation of course 20.

COURSE 22.—Voice training. One hour credit. Designed to accompany course 11.

COURSE 23.—Methods in voice training. Two hours. For advanced vocal students intending to teach singing.

COURSE 24.—Library reading. One hour. Public-school literature.

PHYSICAL SCIENCE.

PHYSICS.

COURSE 1.—One-half unit. This is an elementary course in the mechanics of solids and fluids. It is fundamental, and is required in the Normal secondary course. The requirements for admission are a year's work in algebra and a working knowledge of plane geometry. Recitations and demonstrations daily. Individual laboratory work two hours each week. Given every term of the year.

COURSE 2.—One-half unit. This course offers an elementary study of sound, light, heat and electricity. It is required in the Normal secondary course. The conditions for admission are the same as for course 1. It should follow course 1, but permission is sometimes given to reverse the order. Recitations and demonstrations daily. Laboratory work two hours each week. This course is given every term of the year.

COURSES 1*a* AND 2*a*.—Similar to courses 1 and 2, for advanced certificate students.

COURSE 3.—Three hours. The theme is mechanics. It is an extension of course 1, which must precede it. Recitations three hours a week for one semester. Laboratory work four hours a week.

COURSE 4.—This course gives a credit of three hours. It is an extension of course 2, which must precede it. The topics covered are sound, light and heat. Recitations three hours a week for one semester. Laboratory work four hours a week.

COURSE 5.—This is a two-hours course. The subject is magnetism and electricity. It is an extension of course 2, which must precede it. Recitations four hours a week for one-half semester. Laboratory work three hours a week.

COURSE 6.—Two hours. A teachers' course in physics. This is a course in methods of presenting some of the simple physical phenomena in the grades as nature study, and also the preparation and use of simple physical apparatus. It is open to any who have completed courses 1 and 2.

CHEMISTRY.

COURSE 1.—Four hours. It is a course in inorganic chemistry and includes a study of the fundamental principles and laws of the science with a detailed study of both nonmetallic and metallic elements. Much practice is required in the writing of formulas and reactions and in the solving of chemical problems. General experiments and demonstrations are given in connection with the recitations, and a minimum of four hours a week laboratory work is required. Recitations four hours a week for one full semester. This course is given each semester.

COURSE 1*a*.—For advanced certificate students.

COURSE 2.—Four hours. Qualitative analysis. It includes the detection of acids, bases and salts by several methods. A great amount and variety of practical work is done. This is almost entirely a laboratory course. The equivalent of ten hours' laboratory work per week for one semester is required to complete it. This course will be given once a year.

COURSE 3.—Four hours. It includes both gravimetric and volumetric methods of qualitative analysis. It is almost entirely a laboratory course. The minimum laboratory time is ten hours a week for one semester. This course will be offered once each year.

COURSE 4.—Four hours. Organic chemistry. The aim will be to give a comprehensive view of the various classes of hydrocarbons and their derivatives through the study of a few selected types. The course will be given by means of textbooks and lectures, accompanied by experiments and demonstrations. Some work in analytical and synthetical process will be done by students in the laboratory. This class will recite four hours a week for one semester. The course will be given once a year, or as often as there is sufficient demand for it.

COURSE 5.—Four hours. A course which may be divided into two equal courses, if desired, and credit obtained proportionately. It includes the analysis of water, milk, and various food substances. It will be offered as often as there is sufficient demand for it.

PHYSICAL TRAINING.

GENERAL STATEMENT.

The courses in this department are designed to improve the bodily health and personal efficiency of the students, and to enable them to carry into the schoolroom the knowledge of how to make it a place of normal and symmetrical growth. Work in this department is required of all students, unless regularly excused on account of physical infirmities. In such cases special corrective work can be taken under prescription by the physical directors.

Bath Fees.—A small charge is made each term for the use of locker and bathroom, and entitles the student to a clean towel each time the bath is used.

Athletic Fees.—Those who take the work in any of the athletic sections are required to pay the annual fee of two dollars, which entitles the ticket holder to admission to all intercollegiate games on Normal Field under the management of the School for one year from date of payment of fee. For those who are in attendance during the spring and summer term alone, a special fee of one dollar is charged for the above privileges, which entitles the student to a season ticket for one term only. The foregoing regulations as to fees apply to both the men's and women's departments.

Gymnasium Costume for Men.—The regulation gymnasium costume will be worn in the classes, and will consist of a black sleeveless shirt, full length Turner or Y. M. C. A. trousers and the regulation gymnasium or tennis shoes. The suits may be had of local firms for a maximum price of three dollars. In order that costumes may be uniform, students are advised to make their purchases after arrival.

Gymnasium Costume for Women.—Each student will find it necessary to own a gymnasium suit, consisting of blouse and bloomers made of black serge, and a pair of gymnasium shoes. These may be ordered through the School after entrance or may be prepared before entering. In order to have the suits uniform it is advised that they be made after the student arrives at the School or that the student write to the director of physical training for women for information as to pattern and material.

COURSE 1.—Two hours. This course includes the general theory of physical education. The following subjects are discussed: Laws of growth of the human body; effects of exercise on growth; physiological and psychological effects of exercise; the functions of exercise; the relation of bodily defects to growth; postural habits of pupils; first aid to the injured, and symptoms of contagious diseases. The course will be given at least three times each year, and will occupy four hours per week for ten weeks.

COURSE 2.—Gymnastics, athletics, and practice teaching.

Men's Department.—Required, four hours, or one hour per semester for two years. Three hours' work per week in gymnastics or athletics during one semester equals a one-hour credit. Of this requirement, at least two hours must be in the regular gymnasium class work. This class work will be of the most approved type, and will consist of graded exercises with light apparatus of the hygienic or body-building type; exercises designed to correct the ordinary defects of posture resulting from student life; heavy apparatus exercises on the horizontal bar; German horse, buck, parallel bars, and flying rings, designed to educate the neuro-muscular system, develop coördination, control, and accuracy of bodily movements.

The remaining two hours' requirement may be of the type just described, or may be elected from the various athletic sections—football, both the intercollegiate and association or soccer games; basket ball, baseball, and track athletics. Regular attendance is required at these exercises, just as in the regular class work of the gymnasium, and records are kept of attendance and proficiency.

Women's Department.—Required, four hours. (For evaluation of this requirement see under men's department.) Three hours of this requirement must be gymnasium class work. This will include work in marching, free gymnastics, wand drills, dumb-bells, rings, bar bells, Indian clubs, and school games. One hour of this requirement may consist of work in basket ball or tennis, or both.

Elective.—Besides the required work the department offers various lines of special work to those interested in educational gymnastics or to those who from an interest in physical training from a hygienic, a corrective, or an esthetic point of view care to pursue work during the whole or greater part of their school course.

The following courses are open during all or several of the terms of the school year: Fancy marching and esthetic dancing (Gilbert's system); heavy gymnastics, with such apparatus as ladders, poles, jumping stands, ropes, parallel bars, buck, horse, and horizontal bar, and in such recreative work as lawn tennis, field hockey, basket ball, long base, indoor baseball, swimming and fencing.

COMPETITIVE GAMES.

The girls meet in some competitive games during the year. Interclass and intersociety games are encouraged more than competition with teams from other schools.

PRACTICE TEACHING.

In both the men's and women's departments the course in physical training 2 is completed by doing practice teaching during all or part of the ten-weeks term. Assignments to the work will be made by the di-

rectors, and may be done in the Model School or in the regular gymnasium classes. Those with special ability in any line may be assigned work as assistant coaches in the various athletic sections.

Elective.—Physical training 3. Playground construction and supervision. Two hours.

Outline of Course.—Philosophy and psychology of play; how to lay out a playground; types of equipment; necessity of supervising play; adaptation of play to varying ages; organization and daily program; propaganda of play in a community; history and literature of playground movement.

SPEECH ARTS.

ORAL ENGLISH.

COURSE 1.—Reading. One-half unit. Anatomy of respiratory and vocal organs; breath control; voice training; physical exercises for relaxation and poise of the body; carriage and address; technique of reading, how to appeal to the understanding of an audience; interpretation of classics; sight reading; phonics. Given each semester.

COURSE 2.—Reading. One-half unit. Anatomy of respiratory and vocal organs reviewed; breath control; advanced work in voice; principles of gesture; application of these principles in actual gestures; responsive rhythm exercises; technique of reading; how to appeal to the understanding and emotions of an audience; interpretation of classics; sight reading. Given each semester.

COURSE 1*a*.—Two hours. This is the same course as reading 1, but given in ten weeks. In this course less time is given to interpretation of the classics and to sight reading. Given each term.

COURSE 2*a*.—Reading. Two hours. This is the same as reading 2, but given in ten weeks. In this less time is given to interpretation of the classics and to sight reading and more attention to methods of teaching reading. Given each term.

COURSE 3.—Elocution. Two hours. Breath control; voice training; principles of gesture; original gesture work; rhythm exercises; technique of reading; how to appeal to the *understanding, emotions* and *will* of an audience; interpretation of classics; sight reading; repertoire. Given each term.

COURSE 4.—Bodily expression. The cause of gesture. Muscles and nerves as agents of expression. Exercises for the relaxation of the muscles of the body, for control of muscles, for poise, for ease of carriage; laws of gesture; gestures with words; rhythm exercises for grace and expression. *Descriptive* gestures, and their limitations noted. *Sympathetic* or *suggestive* gestures. *Emotionally manifestive* gestures. Attitudes. Dramatic action: Consideration of action best suited to public speech. Original work in bodily expression to illustrate mental states. Given one hour per week each term.

COURSE 5.—Dramatic interpretation. Shakespeare's tragedies. Two hours. Five of Shakespeare's great tragedies are read and studied. They furnish material for vocal composition by the students, one address per week being given by some member of the class. One play is given special study for vocal interpretation. This requires much memory work, and daily drill in expression and dramatic action. The play thus selected is studied for structure, plot, ethical meaning, interpretation of lines, personation of character, and presentation on the stage. Given the second term.

COURSE 6.—Dramatic interpretation. Shakespeare's comedies. Two hours. Six of Shakespeare's greatest comedies are read and studied by the class. One play is memorized and presented on the stage. Given third term.

COURSE 7.—Dramatic interpretation of Shakespeare's English historical plays. Two hours. These plays are studied as are the tragedies and comedies of Shakespeare for vocal interpretation. English history in the plays is noted, Beverley E. Warner's English History in Shakespeare's Plays being used as a work of reference. Given first term.

COURSE 8.—Dramatic interpretation of the modern drama. Two hours. Six of the greatest dramas of the present era are read and studied for material for extemporaneous addresses on the drama and for dramatic interpretation through voice and action. Given two periods per week the fourth and fifth terms, or one period per week from September to June.

COURSE 9.—The Greek drama. Two hours. The plays of Sophocles are studied for structure, for beauty of form, and for dramatic presentation. Lectures are given on "The History of the Drama," "The Ancient Classical Drama," "The Structure of the Drama," and scenes from the dramas are read to the class by the teacher. The English translation of Sophocles' dramas made by Doctor Plumtree is used as a text. Professor Moulton's The Ancient Classical Drama is used for reference. Given the fourth and fifth terms.

COURSE 10.—The technique of oratory. Two hours. As a foundation for the work in oratory each class reviews the subject of oratory, what it is, the kinds of oratory, how an oration is constructed. Then one of Daniel Webster's orations is studied and outlined and its structure noted. Similar work in outlining is repeated from time to time. Parts of great speeches are memorized and spoken for drill in delivery.

The history of the oratory of the American Revolution is studied. Causes that determined the character of this oratory are noted. One hour per week is devoted to extemporaneous speaking on the orators and oratory of the period. Especial attention is given to the development of the speaking voice for platform work. Exercises are given to develop freedom and dignity of action. Given the second and fourth terms.

COURSE 11.—American oratory. Period of the Civil War. Two hours. This includes the vocal interpretation of great speeches of this period. Excerpts from these speeches are memorized and spoken. The delivery is criticized by the teacher and members of the class. The relation between the speaker and the audience is noted. Extemporaneous addresses on the orators and oratory of the period are given one hour per week. Much attention is given to voice and gesture work. Given the third, fourth and fifth terms.

COURSE 12.—American oratory. Oratory of the present era. Two hours. The change in the character of American oratory, the deeds and speeches of forceful men who are making history are studied. Speeches of note are read aloud for direct conversational delivery. Excerpts from some of these are memorized and spoken for drill in public speaking. Extemporaneous speeches on questions of the hour are made for still greater ease and power in delivery. No set gesture exercises are taught, but every earnest speech spoken gives opportunity for action suited to the thought. Criticism on the action is given when necessary. The voice also receives attention, the object being to make it resonant, full, flexible, expressive and responsive to the mood of the speaker. This is practical platform work. Given the first and fifth terms.

COURSE 13.—Poetry. Tennyson. Two hours. The poetry of Tennyson

is studied for vocal interpretation. The laws of poetic art revealed in his work are noted. Dr. Henry van Dyke's The Poetry of Tennyson is used as a work of reference. Given second and fourth terms.

COURSE 14.—Poetry. Henry van Dyke. Two hours. Dr. Henry van Dyke's poetry is studied for vocal interpretation. The beauty of the thought of his poetry, his poetic expression and the melody of his verse are all dwelt upon, in order that the reading of his lines may be true, sympathetic and artistic. Given third and fifth terms.

PUBLIC SPEECH.

The work of this department is based on the conviction that power in speech is indispensable to a normal human being, and that power in public speech is inseparable from the highest efficiency in citizenship. Hence, every effort is made to secure practical and usable results from the training taken. But speech has not only an objective value; it has also, in the highest degree, a subjective utility. In a very real sense, speaking enriches or impoverishes the soul of the speaker. The word is the life. The organs to be developed are the organs which should be nourished and exercised in the movements they are to perform and in the habits that are to be established.

COURSE 1.—Oral composition. One-half unit. This course is an application of the laws of thinking, operating in the processes of communicating by means of the voice in speech. Attention is given to the fundamental principles of composition, but all results are subjected to the ear test.

COURSE 2.—Debating. One-half unit. This course includes a brief study of the main principles of argument, analysis, proof, refutation. Students are shown how to prepare as well as how to present an argument. Practice is had in both single and team debates.

COURSE 3.—Literary society and parliamentary law. One-half unit. General literary exercises and discussions. Actual practice in speaking and taking part in a deliberative assembly.

COURSE 4.—Extemporaneous speech. Two hours. The object of this course is the formation of a habit of easy and untrammeled speaking. Confidence in self and message is essential to easy speaking. Verified knowledge obtained through personal contact is the basis of self-possession. Hence, the student is encouraged to talk informally on matters of personal observation and experience. Careful analysis in preparation and logical order in presentation are given attention. Simplicity and directness are emphasized.

COURSE 5.—Oration. Two hours. A careful study is made of the personality of each student, and the training is adapted to individual needs. Attention is called to the nature of oratory, and those peculiarities of structure and style that distinguish it from other forms of discourse. It is necessary to keep in view the audience to be addressed and the end sought, and to let these determine choice of facts and turn of phrase. The art should not be an end in itself.

COURSE 6.—Great speeches. Two hours. This is an intensive examination of great speeches. Not only is the structure of the speech studied, but also the relation of the speech and the speaker to the civilization of the time and the state of mind of the hearers; their past history as a people; the thoughts and beliefs that usually were determinative in their decisions.

COURSE 7.—Vocabulary. Two hours credit. The number and nature of the words used indicate the extent and content of the thinking carried on by the user. In this course is begun a study of the sources and growth of the English language. A brief survey is taken of the inflowing streams of words and the race modifications contributing to form our present speech. The student partially completes an inventory and classification of his vocabulary, examining each word with reference to its expressional value as he has used it, and comparing those values with the meanings indicated in the language of the best writers and speakers. This easily leads to an increase in the stock of words usable in the daily needs of thinking, speaking and writing. Expression values are tested by means of substitution of synonyms.

COURSE 8.—Vocabulary. Two hours credit. This course calls for a more extended study of the race contributions to the English language. Critical examination is made of the use of words by the best writers and speakers. Students are required to make examinations of word effects under various conditions of communication. The completion of course 7 and a reading knowledge of Anglo-Saxon, Latin and French are prerequisites to this course.

COURSE 9.—Argumentation. Two hours credit. Study is made of the principles of argument. A good text is followed but examinations are made of great arguments, the text being taken in full. Particular attention is given to analysis, proof, fallacies and refutation.

COURSE 10.—Argumentation. Two hours credit. Attendance on work of the courts is required. The elements of effective statement of a case are observed in the actual process of argument. Prerequisite, course 9.

COURSE 11.—Debating. Two hours. Teams are required to develop an argument under fire of questions. Briefs are prepared and exchanged. Bibliographies are given attention. Prerequisite, course 9.

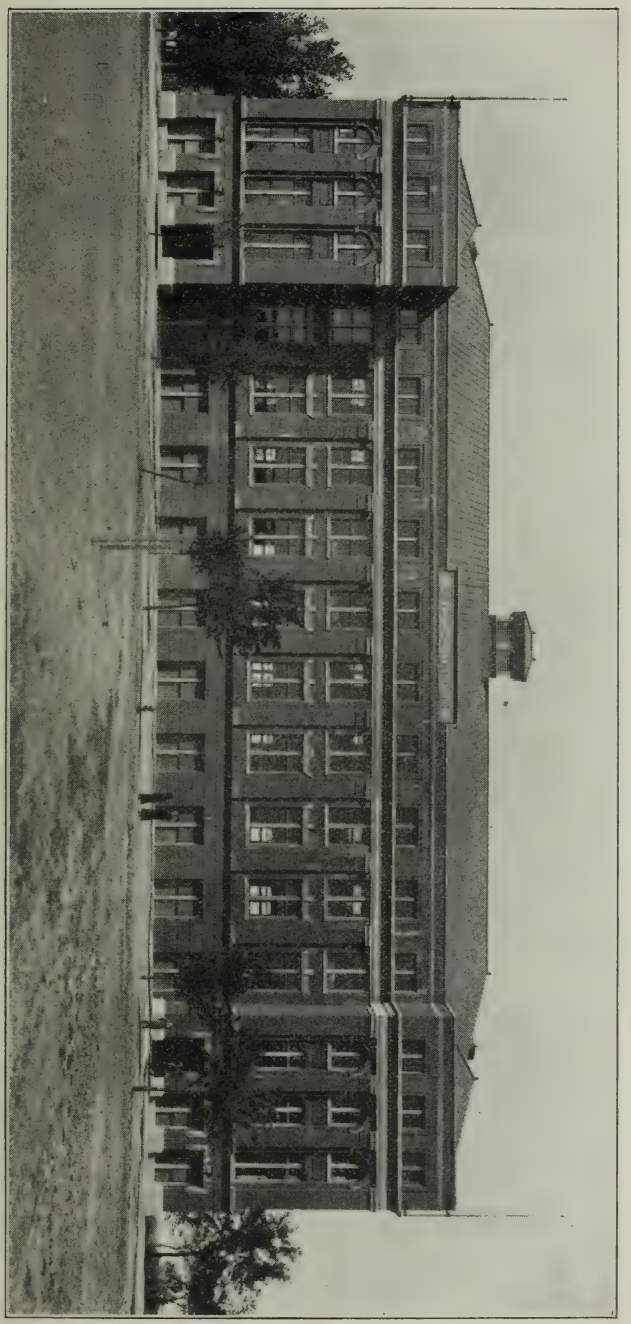
COURSE 12.—Debating. Two hours credit. A fuller application of the principles thus far discovered. More time is allowed the individual speakers and they are required to give more attention to platform presence. The psychology of forensic speech is noted. Prerequisite, course 11.

Course 4, or its equivalent, is prerequisite to courses 9 to 12, inclusive. Regular participation in the work of debating clubs is required as auxiliary to the work of courses 9 to 12.

COURSE 13.—Parliamentary law. Two hours. Several manuals are studied comparatively. The work of guiding a deliberative assembly is taught in actual practice. Familiarity with rules of order is secured in the process of presiding.

Major.—For a major in public speech a minimum of sixteen hours must be taken from courses offered in this department. Fourteen hours may be selected from other departments, all courses taken being subject to approval of the head of the department of public speech.

For a major in speech arts fourteen hours must be taken from the department of oral English, the required courses being subject to the approval of the head of that department, and fourteen hours must be taken from the department of public speech, courses 2, 3, 4, 5, 6 and 7 being required. The remaining two hours may be selected from any related department, subject to approval by the head of the department of public speech.



PHYSICAL TRAINING BUILDING.

Music Department.

FACULTY.

HENRY D. GUELICH, A. B., Mus. B., Mus. Doc. (Northwestern College, Virgil Clavier School, Grand Conservatory of Music, New York).
Director of Music Department, Instructor in Piano, Theory and History of Music.

FRANK A. BEACH, B. L. (University of Michigan, School of Music, Syracuse University, and Juliani School of Opera, Paris).
Director of Public-school Music, Voice Culture and Chorus.

ROBERT T. BLAIR (Music Department, Kansas State Normal School, pupil of Ludwig Becker, Chicago, and E. van Laar, Berlin).
Instructor in Violin, Stringed Instruments, and Leader of Orchestra.

BERENICE RICE, Mus. B.* (Virgil Clavier School, and pupil of Rafael Joseffy).
Instructor in Piano and Theory of Music.

BERTHA CURTIS (Chicago Musical College, Oberlin Conservatory of Music).
Instructor in Voice Culture.

FLORENCE CROSS (pupil of Katherine C. Linn, New York, and Mortiz Moszkowski, Paris).
Instructor in Piano.

GRACE M. RICHARDS† (pupil of Emilio Agramonte, New York).
Instructor in Voice Culture.

MILDRED BOOMHOWER (Potsdam State Normal School, Potsdam, N. Y.).
Instructor in Public-school Music.

ABBIE INGHRAM (Music Department, Kansas State Normal, and pupil of Herman Epstein, New York).
Instructor in Piano.

CECILE OSBORNE (Music Department, Kansas State Normal).
Instructor in Piano and Theory of Music.

MABEL RHODES (Music Department, Kansas State Normal, and Bush Temple Conservatory of Music, Chicago).
Instructor in Piano.

ALEXANDER BAIRD‡ (pupil of Edgar B. Gordon, Chicago).
Instructor in Violin and Stringed Instruments.

E. FLOY SHUMACHER § (pupil of Mdm. Barbareux Parry, Chicago; Centralizing School of Music, Chicago).
Instructor in Voice.

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* Absent on leave 1909-'10.

† Resigned, December, 1909.

‡ Summer School 1909.

§ Fifth term, 1909-'10.

PLAN OF THE WORK.

The department of music has been organized for the purpose of offering systematic and thorough instruction in piano, voice, violin, theory and history of music. The general plan of the work is twofold: First, to give an opportunity to those students who wish to complete a course in the above-named branches; second, to offer instruction to those who wish to spend only part of their time in the study of music. Such students may take up such special work as may be found suited to their needs and attainments.

COURSES OF INSTRUCTION.

The department of music offers courses in piano, voice and violin, and an extended course in the theory and history of music. These courses lead to a certificate of merit, a diploma of graduation, and a postgraduate course diploma. The work in these courses has been carefully arranged, for the purpose of offering a broad musical training, developing skillful public performers, and preparing students for the profession of teaching.

PIANO.

The most important part of a musical education is the study of the piano. The popularity of the instrument, its general usefulness, and the almost endless wealth of piano literature, are convincing facts in favor of this statement. To produce the best results in the study of the piano it is necessary to have a uniform system, logical and practical, based upon the technical and interpretative capacity of the instrument. The requirements of the individual is the keynote of this system. The application of selected studies for overcoming difficulties, the study of memorizing for analytical insight, the study of interpretation for artistic performance, and, in general, the gradual development by means of modern technique, are the methods used in this department for the training of the student. The methodical application of these principles will lead the student to understand a composition intellectually and to interpret it with expression and artistic finish. It is the aim of the following courses in piano to prepare students for the profession of teaching, acquaint them with the choicest literature of piano music, and to develop concert pianists.

PREPARATORY COURSE.

FIRST YEAR.—Exercises in the forming of the hand, developing the fingers, wrist and arm muscles; technical studies from Koehler, Virgil and Mason; sight reading; easy selections.

SECOND YEAR.—Technical exercises from Mason and Virgil; etudes for phrasing, rhythm and expression by Sidus, Concone, Gurlitt and Streabog; sight reading; selections from the best modern writers.

INTERMEDIATE COURSE.

FIRST YEAR.—Etudes for expression and phrasing by Lemoine, Loeschhorn and Concone; octave studies by Gurlitt and Doering; sonatinas selected from the works of Clementi and Kuhlau; technical exercises by Mason, Virgil and Leschetizky; ensemble playing; modern and classic selections.

SECOND YEAR.—Studies by Loeschhorn, opus 66; Heller, opus 46, 47; Duvernoy, opus 120; preludes by Bach; Vogt, opus 145; Wolff, opus 118; technical exercises, selected; sonatas by Mozart, Haydn and Beethoven; selections from the works of modern and classic composers; ensemble work.

ADVANCED COURSE.

FIRST YEAR.—Inventions by Bach; Czerny, opus 740; Cramer studies; Czerny, opus 553; selected technical exercises; sonatas by Beethoven, Mozart and Haydn; movement of a concerto; ensemble playing; modern and classic selections; public performance; theory of music; harmony I, II, III and IV; history of music I, II, III and IV; musical forms.

SECOND YEAR.—The Well-tempered Clavichord, by Bach; Clementi's Gradus ad Parnassum; octave studies by Kullak; etudes by Moscheles, opus 70; advanced technical exercises; sonatas by Beethoven and Haydn; modern or classic concerto and suite; ensemble work; practical work in musical pedagogy; recital of classic and modern selections; theory of music; counterpoint I, II, III and IV.

POSTGRADUATE COURSE.

Selected etudes from the works of Chopin, Liszt, Schumann, Henselt and Moscowski; sonatas, concertos and suites, modern and classic; concert selections of the best composers; public recital; theory of music—fugue I and II; instrumentation I and II.

INSTRUCTION IN PIANO FOR JUVENILES.

A special course of instruction in piano for children is offered by the music department. The plan of the course is to present the work in a simple, clear and interesting manner, and to train the pupil in the fundamental principles of piano playing. The Fælton, Fletcher and Virgil methods will be used as a basis for the work.

The tuition for a term of nine weeks for children in the kindergarten and primary grades is eight dollars. This will entitle the pupil to two private lessons and one class lesson per week. In the private lessons the pupil will receive the personal attention of the instructor, and in the class lesson special training in ensemble work, blackboard drill, ear training, etc. A tuition of five dollars will be charged for one private lesson and one class lesson a week for a term of nine weeks.

The tuition for juveniles, from the age of twelve to sixteen, for a term of nine weeks, eighteen private lessons, is nine dollars.

VOICE.

The cultivation of the art of singing is within the capability of each individual, the attainment varying only with natural conditions. Perfect ease and naturalness in the production of tone is clearly essential before one can sing with satisfaction to himself and with pleasure to others. Only those who have acquired the correct method are able to sing for any extended period, while a continuance of improper tone production results in a short singing career and final loss of power of vocalization. Those in charge and associated with this department hold firmly the belief that no modern means or inventions are to be compared with the method of the old Italian masters and the few living exponents of their teaching. Relaxation, proper resistance, pure enunciation, and, what is of the highest importance, the exemplification of correct intonation, are among the

fundamental principles upon which the work of this department is conducted. It is intended to afford opportunity for the development of choir singers and concert soloists, as well as teachers of the art of singing.

PREPARATORY COURSE.

FIRST YEAR.—Fundamental principles of voice building; tone and vowel work; correct physical poise, with natural and easy methods of breathing; diction, sight reading and simple songs.

SECOND YEAR.—Advanced exercises for intensified respiration; exercises in major, minor and chromatic scales; etudes for modulation; sight reading and ear training; advanced solo work and choral singing.

INTERMEDIATE COURSE.

FIRST YEAR.—Studies for enunciation, rhythm and phrasing; acoustics and vocal physiology; sight reading and dictation; selected etudes from Concone and Marchesi; songs from modern composers.

SECOND YEAR.—Exercises for attack, legato and staccato; interpretation; solfeggio and ensemble practice; etudes by Lamperti and Lankow; vocalises by Panofka and Shakespeare; ballads and lieder.

ADVANCED COURSE.

FIRST YEAR.—Vocalises in phrasing by Marchesi, opus 3; exercises by Panofka, opus 8; exercises for flexibility, shade and tone color; study in artistic interpretation; selections from the works of English, German and Italian writers; public performance; theory of music—harmony I, II, III and IV; history of music I, II, III and IV; musical forms.

SECOND YEAR.—Advanced work in technical studies for phrasing; development of natural style and cultivation of dramatic expression; study of piano accompaniments; oratorio and operatic selections; practical work in musical pedagogy; public recital; theory of music—counterpoint I, II, III and IV.

POSTGRADUATE COURSE.

Repertory of English, French, German and Italian songs; technical exercises and vocalises; recitatives, arias and ensemble music from standard operas and oratorios; concert selections; public recital, from the works of modern and classic composers; theory of music—fugue I and II; instrumentation I and II.

VIOLIN.

The course in violin playing is logical, thorough and complete, and is in every case adapted to the individual requirements of the pupil. Great care is taken in laying the foundation principles and developing the pupils along the lines of accuracy and freedom of execution. A good technique, though indispensable to violin playing, should be used only as a means to an end, and its development as it will serve sane and expressive interpretation. The warmth and breadth of tone, a guarded use of vibrato and glissando, control in diminuendo and crescendo, rhythm in tempo, and the many other characteristic attributes which stamp the violin king of solo instruments, are carefully developed. No efforts are spared that will help in developing graceful and artistic performers.

PREPARATORY COURSE.

FIRST YEAR.—Careful study in holding the violin, position of the body, placing of fingers in different keys; fundamental principles of bowing; foundation studies by Gordon and Dancla; violin duets by Pleyel; book I by Kayser; easy selections.

SECOND YEAR.—Scale studies in all keys, varied fingering and simple bowing; arpeggio forms in first and third positions; study of changing positions; studies by Kayser, book II; etudes by Henning and David; selections.

INTERMEDIATE COURSE.

FIRST YEAR.—Studies in all positions; special studies in changing of positions; etudes by Kayser, book III; violin duets by Maza; symphonies by Dancla; technical studies by Schradieck and Sevcik; ensemble playing; modern and classic selections.

SECOND YEAR.—Scales in all positions, major and minor, in thirds and octaves; etudes and caprices by Kreutzer; advanced studies in double stopping by Sevcik; duets by Viotti and Maza; concertos by Viotti; ensemble work; selections from the works of modern and classic composers.

ADVANCED COURSE.

FIRST YEAR.—Selected etudes and caprices by Kreutzer; studies by Schradieck, books II and III; caprices by Fiorillo; perpetuoso by Paganini; fantasias by Saenger; David's Violin School, book II; concertos, sonatas and selections, modern and classic; public performance; theory of music—harmony I, II, III and IV; history of music I, II, III and IV; musical forms.

SECOND YEAR.—Artistic studies by Maza; ten characteristic studies by Allard; Spohr's violin school; caprices by Rhode; advanced technical exercises; concertos, sonatas and selections from the works of modern and classic composers; ensemble playing; practical work in musical pedagogy; public recital; theory of music—counterpoint I, II, III and IV.

POSTGRADUATE COURSE.

Six sonatas by Bach; caprices by Paganini; concertos, fantasias and concert selections from the works of Beethoven, Mozart, Spohr, Vieuxtemps, Wieniawski and Mendelssohn; public recital of modern and classic selections; theory of music—fugue I and II; instrumentation I and II.

INSTRUCTION IN VIOLIN FOR JUVENILES.

A prominent violin teacher and artist of New York city says: "The "study of music should begin as early as possible. A solid foundation is indispensable if good results are desired; thus a thoroughly competent teacher is essential from the beginning."

The course of training as outlined in this work is especially adapted for children and is designed to give them just such thorough, fundamental training as will enable them to take up the advanced courses intelligently and with greater ease. Too much stress cannot be placed upon a thorough and correct foundation as a means to future advancement. It is in the beginning that habits of playing are most easily acquired. If these habits are correctly formed the pupil's advancement may go on uninterrupted; if incorrectly formed, then the pupil must at some future time take time to go back and correct the mistakes or the progress is retarded and often must stop altogether.

COURSES IN THEORY, COMPOSITION AND HISTORY OF MUSIC.

A knowledge of the theory, composition and history of music is now commonly recognized as a part of the general education of the student. Many of the leading universities and normal schools are offering complete courses as elective studies. In some institutions a certain amount of theoretical and historical work in music is required in the regular college course. This tendency is the natural result of a gradual growth in the taste and appreciation of musical classics. In order to understand and enjoy the masterpieces of the great composers, a knowledge of their construction and development is necessary. The courses given below aim to meet this requirement. The plan of the work is to train the student to understand music as a science, by the study of musical forms and the technique of composition, and to develop originality in inventing and constructing musical compositions. The work in original composition will depend, to some extent, upon the ability of the student. While only a certain amount is required with each course, ample opportunity will be given to those who wish to specialize in this line.

HARMONY.

COURSE 1.—A study of the fundamental principles of harmony; origin and development of major and minor scales and intervals; common chords and their inversions; circle of related keys; transition and modulation; ear training; harmonizing melodies. Tuesday, Wednesday and Friday. Given each term.

COURSE 2.—Chords of the dominant seventh, ninth, eleventh and thirteenth; dissonant chords; altered chords; cadences; modulation and ear training; original work in harmonizing melodies. Tuesday, Wednesday and Friday. Third term.

COURSE 3.—Suspensions and retardations; passing and changing notes; pedal or organ-point; modulation; original work in composition. Tuesday and Friday. Fourth term.

COURSE 4.—Open or vocal harmony; chords of five or more parts; modulations; use of minor scales in different forms; practical application of harmonic principles in original work. Tuesday and Friday. Fifth term.

COUNTERPOINT.

COURSE 1.—The principles of harmony as applied to the melodious treatment of several voices or parts in combination; strict counterpoint in two, three, four and more parts. Tuesday, Wednesday and Friday. Given each term.

COURSE 2.—Free or modern counterpoint in four parts; chorals and melodies harmonized with and without cantus firmus; original work in composition. Tuesday, Wednesday and Friday. Third term.

COURSE 3.—Counterpoint in four, five, six, seven and eight parts; vocal counterpoint with analysis of choral works; exercises in free composition. Tuesday and Friday. Fourth term.

COURSE 4.—A study of double, triple and quadruple counterpoint; application of counterpoint to practical composition; analysis and original work. Tuesday and Friday. Fifth term.

FUGUE.

COURSE 1.—A study of canon in two or more parts or voices, similar and contrary motion; the elements of a fugue; original work in composition. Monday, Wednesday and Thursday. Second term.

COURSE 2.—Analysis and composition of fugues, instrumental and vocal; original work in advanced forms of composition. Monday and Thursday. Third term.

INSTRUMENTATION.

COURSE 1.—This course embraces lectures on the art of instrumentation, with special reference to the compass, quality of tone, balance and contrast of the various instruments; exercises in simple orchestration. Monday, Wednesday and Thursday. Fourth term.

COURSE 2.—Practical work in orchestration in the larger musical forms, using for this purpose selections from the standard works and the original compositions of the student. Monday and Thursday. Fifth term.

MUSICAL FORMS.

COURSE 1.—An analytical study of the elements of musical composition. This course is specially designed for those who desire to understand and appreciate the works of the great composers as embodied in their symphonies, overtures, sonatas, operas, oratorios and chamber music. Monday and Thursday. Second term.

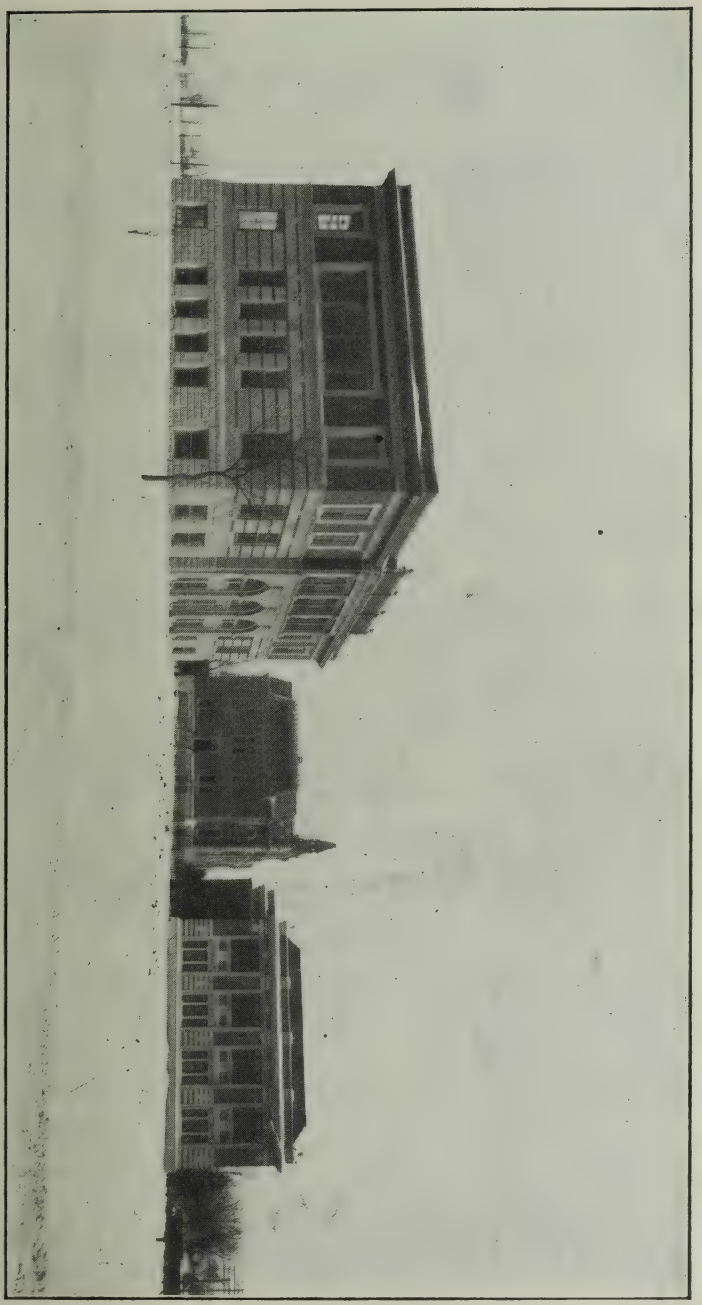
HISTORY OF MUSIC.

COURSE 1.—The origin and development of music of ancient and oriental nations; lectures and readings. Tuesday, Wednesday and Friday. Second term.

COURSE 2.—Music of the early Christian age; the beginnings of polyphony culminating in the works of the school of the Netherlands. Tuesday, Wednesday and Friday. Third term.

COURSE 3.—History of the opera and oratorio; symphony, sonata and overture; development of musical instruments. Tuesday and Friday. Fourth term.

COURSE 4.—A study of the music of the seventeenth century; biographies of the great composers of the classic, romantic and modern schools; analysis of their works. Tuesday and Friday. Fifth term.



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General Information.

REQUIREMENTS FOR GRADUATION.

A certificate of merit will be given to those students who complete successfully the first year of the advanced course in piano, voice or violin.

A diploma of graduation will be awarded to students who have satisfactorily completed the second year of the advanced course in piano, voice or violin.

Students who complete the postgraduate year in piano, voice or violin will receive a diploma stating the amount of work accomplished.

RECITAL HALL AND EQUIPMENT.

The Albert Taylor Hall is used for all recitals and concerts. It is furnished with a new Steinway concert grand piano and a two-manual organ.

The studios and practice rooms have been equipped with new pianos and claviers.

ORGANIZATIONS.

The department of music maintains a number of organizations which are free to all students who can meet the entrance requirements, and include the following: Orchestra, choral union, band, mandolin and guitar club, glee club and ladies' chorus.

RECITALS AND CONCERTS.

The work of the year is interspersed with public recitals and concerts given by pupils, members of the teaching staff and musical organizations.

SUMMER TERM.

Students may pursue any of the regular courses during the summer term.

REGULATIONS.

All tuition is payable strictly in advance, at the beginning of each term. All work in this department is suspended on legal holidays as given in the calendar of this catalogue. Students may enter at any time. However, it is best to enroll at the beginning of a term. All lessons lost by absence or tardiness of the pupil will be the pupil's loss, unless reasonable previous notice of the expected absence is given, in which case the lesson will be made up within the term only. A record is kept of all completed work in technical and theoretical music. Students must complete a full term of lessons or class work in order to receive a grade for the work. Students leaving or discontinuing lessons during the term time forfeit all payment, except in case of protracted illness, in which case the balance will be allowed upon a subsequent term or half the loss will be borne by the department. All students who wish to take up work in this department must receive an assignment card from the director of music. This

card must be presented to the registrar and exchanged for a permit. No student will be permitted to receive instruction or enter a class until the tuition has been paid and the permit has been presented to the instructor.

RATES OF TUITION.

The year consists of five terms of nine weeks each, two lessons weekly. The rates quoted below are for a term of nine weeks, eighteen lessons. For one lesson a week half the regular rate is charged, with the exception of the kindergarten course, which is five dollars.

PIANO.

Kindergarten or primary grade course	$8 00
Juvenile course	9 00
Preparatory course, first year, for adults	9 00
Preparatory course, second year	13 50
Intermediate course	15 00
Advanced course	18 00

VOICE.

Preparatory course	$13 50
Intermediate course	15 00
Advanced course	18 00

VIOLIN.

Juvenile course	$9 00
Preparatory and intermediate course	15 00
Advanced course	18 00
Mandolin and guitar	10 00

THEORY AND HISTORY OF MUSIC.

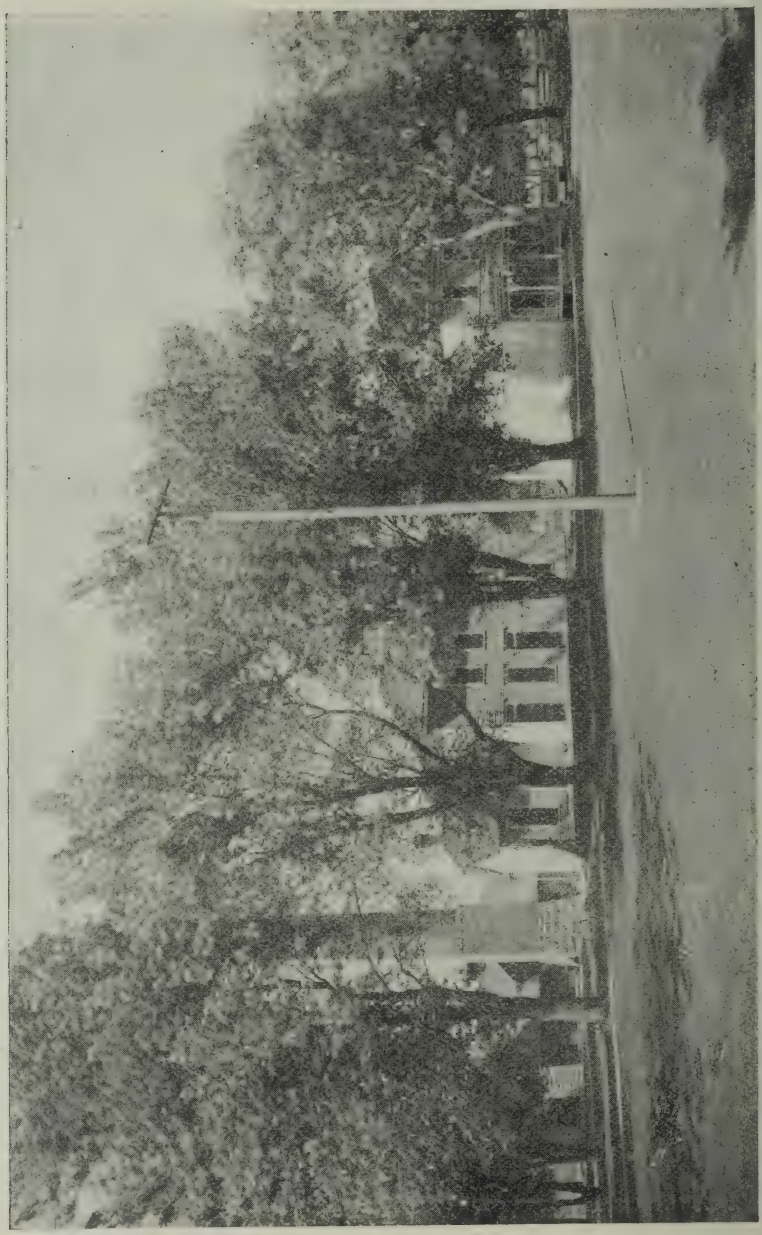
In the courses in theory and history of music there are ten weeks to a term. The rates given below are for a term of ten weeks.

Harmony, in class	$5 00
History of music, in class	5 00
Musical forms, in class	5 00
Counterpoint, in class	10 00
Fugue and instrumentation, in class, each	10 00
Private lessons in any of the above courses	15 00

PIANOS AND PRACTICE CLAVIERS.

One hour a day, for a term of ten weeks	$1 80

Two or more hours at the same rate per hour.



POWER HOUSE. CUSTODIAN'S RESIDENCE. HOSPITAL.

Register of Students.

GRADUATES.

FOUR-YEAR COLLEGE COURSE.

CANDIDATES FOR GRADUATION IN JUNE.

Blair, Jane, Emporia.
Bouse, T. L., Holton.
Boyles, Ralph A., Ann. Arbor, *Mich.*
Crary, Lottie E., Emporia.
Funk, J. C., Hillsboro.
Good, Alvin, Cimarron.
Harrin, F. H., Mound City.
Hensley, Burt, Emporia.
Keller, W. H., Emporia.
Minrow, Maude, Iola.
Phenicie, Mary K., Frankfort.
Rowe, Ida E., Emporia.
Smith, Jessica, Harper.
Switzer, L. R., Cherryvale.
Williams, Jennie, Emporia.
Wright, F. L., Bronson.

CANDIDATES FOR GRADUATION IN AUGUST.

Blair, Annie. Emporia.
Collins, Maggie B., Boston, *Mass.*
Hetzel, George, Elmont.
Kell, J. A., Hays.
Moss, Ethel, Emporia.
Salser, Carl, Emporia.
Straley, James C., Emporia.
Turner, H. R., Hoxie.

TWO-YEAR COLLEGE COURSE.

CANDIDATES FOR GRADUATION IN JUNE.

Alder, Frank, Leonardville.
Baker, Florence, Topeka.
Baptist, Eleanor, Uniontown.
Barnes, Gerald, Lebanon.
Becker, Mary, Logan.
Beeching, Mabel, Otis.
Biggs, Anna, Emporia.
Boyd, Lola, Ottawa.
Brainard, Edith, Emporia.
Brogan, Anna, Hartford.
Brooks, Mary Helen, Parsons.
Bundy, Florence, Emporia.
Caldwell, Merle, Moran.
Camp, Lena, Emporia.
Coffman, Harald, Emporia.
Cook, Myrtle, Anthony.
Corcoran, J. P., Troy.
Cross, A. L., Emporia.
Darrough, Alma, Emporia.
Davis, J. L., Belleville.

TWO-YEAR COLLEGE COURSE.

Davis, Nannie,
Peck.

Dorman, Lillie,
Centralia.

Douglass, Aubrey,
Emporia.

Downie, H. M.,
Denison.

Dryden, Lockie,
Larned.

Dunn, Esther,
Le Loup.

Easley, Anna,
Elk City.

Elder, Gwendolyn,
Emporia.

Fair, Mabel,
Emporia.

Fair, Maude,
Emporia.

Fairchild, Mary,
Emporia.

Felker, Florence,
Hoyt.

Ferguson, Ellen,
Mankato.

Flinn, Gertrude,
Admire.

Forbes, Anna,
Wathena.

Friels, Alicia,
Beloit.

Greene, Jeanette,
Kansas City.

Groft, Mary,
Wa Keeney.

Groomer, Pearl,
Iola.

Grover, C. E.,
Dawson, *N. M.*

Hakes, Milo,
Clyde.

Harder, George,
Zenda.

Harris, Verle,
Emporia.

Hennings, Helene,
Goddard.

Hetzel, Arthur,
Waverly.

Hobart, Mabel,
Paola.

Hopkins, Ada,
Chetopa.

Howard, Sherman,
Julesburg, *Colo.*

Hubbard, Elizabeth,
Emporia.

Hunsberger, Nina,
Halstead.

Johnson, J. F.,
Altamont.

Johnson, Mrs. Mary E.,
Altamont.

Jones, C. F.,
Elwood.

Jones, Lucy,
Tonganoxie.

Karr, Una,
Emporia.

Keefer, Katherine,
Wallula.

Kernen, Martha,
Chanute.

Larson, Alfred,
Clay Center.

Larson, J. A.,
Chanute.

Lawson, Florence,
Bellaire.

Long, R. E.,
Lincoln.

Long, S. S.,
Collyer.

McAdow, Ida,
Ottawa.

McCafferty, Frank,
Clearwater.

McLindon, Anna,
Williamsburg.

McLindon, Mary,
Williamsburg.

Markwell, Robert,
Wichita.

Marty, Joseph,
Longford.

Mercer, Frank,
Emporia.

Mitchell, Jessie,
Lowemont.

Morris, Clara,
Marion.

Nincehelser, Maude,
Oskaloosa.

Nincehelser, May,
Oskaloosa.

Nixon, Mabel,
Portis.

Noce, George,
Marion.

Palmer, Florence,
Hope.

Payne, Norma,
Emporia.

Peek, Marian,
Seneca.

Peek, Zemira,
Seneca.

Perkins, Beulah,
Topeka.

TWO-YEAR COLLEGE COURSE.

Perry, Lillian,
Ackerland.
Pruett, Ethel,
Larned.
Ramsburg, Pearl,
Emporia.
Rasmussen, Electa,
Ames.
Reynolds, Dora,
Topeka.
Rindom, F. O.,
Liberal.
Rishel, W. M.,
Garden City.
Roberts, Cynthia,
Melvern.
Scott, Pearl,
Osage City.
Skoglund, D. S.,
Jamestown.
Thomas, Kathryn,
Emporia.
Thomas, M. Esther,
Emporia.
Thompson, E. W.,
Emporia.
Thompson, Fred,
Easton.
Todd, C. E.,
Oakhill.
Unruh, Della,
Larned.
Van Hove, Matilda,
Clay Center.
Vaught, Mary,
Iola.
Waldorf, W. J.,
Leon.
Wilkinson, Mildred,
Emporia.
Williams, Carrie,
Emporia.
Williams, Muriel,
Emporia.
Wilson, Avis,
Hartford.
Woods, W. P.,
Kincaid.
Wright, Estella,
Lebanon.
Wright, Mary,
Newton.

CANDIDATES FOR GRADUATION IN AUGUST.

Baker, Julia,
Cherryvale.
Campbell, W. Roy,
Bronson.
Canty, May,
Buffalo.
Canty, Virginia,
Buffalo.
Dahm, Florence,
Great Bend.
Davis, Dale,
Clearwater.
DeLay, G. A.,
Emporia.
Farquharson, Adella,
Lincoln.
Ferguson, Anna,
Mankato.
Ferguson, D. T.,
Oklahoma City, *Okla.*
Fluker, Grace,
Emporia.
Frossard, Clara,
Russell.
Gildersleeve, Evelyn,
Yates Center.
Holland, Nellie,
Caney.
Moss, Mrs. Cornelia,
Emporia.
Rhine, Orin M.,
Haddam.
Spencer, Dorothy,
Emporia.
Stolfus, Gertrude,
Emporia.
Stout, Mary,
Hartford.
White, Catherine,
Clay Center.

KINDERGARTEN COURSE.

CANDIDATES FOR GRADUATION IN JUNE.

Allen, Jeannette,
Bison.
Chamberlain, Hazel,
Le Roy.
Embry, Avis,
Hartford.
Gardner, Olive E.,
Newton.
Heffelfinger, Lillie,
Yates Center.
Kiddoo, Katherine,
Coffeyville.
Macintosh, Elsie,
Hays.
Martin, Faith,
Atchison.

KINDERGARTEN COURSE.

CANDIDATES FOR GRADUATION IN JUNE—*concluded.*

Neill, Nelle,
Emporia.

Thompson, Jeannette,
Emporia.

Van Keuren, Helen,
Baldwin.

Wells, Minnie,
Emporia.

Yoxall, Bertha,
Osborne.

CANDIDATE FOR GRADUATION IN AUGUST.

Middleton, Augusta,
Caney.

MUSIC.

Diploma Course.

PIANO.

Gambill, Kathryn,
McCune.

Grigsby, Lilla,
Emporia.

Jenks, Gertrude,
Howard.

Mayes, Louie,
Emporia.

VOICE.

Frossard, Clara,
Russell.

Scoggan, Maude,
Beloit.

Certificate Course.

PIANO.

Brooks, Bessie,
Americus.

Burlin, Cecile,
Abilene.

DeSpain, Pearl,
Custer City.

Douglas, Flossie,
Emporia.

Errett, Celia,
Gridley.

Hurley, Nellie,
Meriden.

Mercer, Margaret,
Emporia.

Myers, Edith,
Hamilton.

Norman, Bessie,
Emporia.

O'Roke, Dotte,
Fairview.

Rupp, Edna,
Moundridge.

Sprague, Bessie,
Spearville.

VOICE.

Banker, Beatrice,
Russell.

Burlin, Cecile,
Abilene.

Darrough, Edith,
Emporia.

Guettel, Dora,
Emporia.

Guettel, Marian,
Emporia.

Shearer, Ada,
Emporia.

VIOLIN.

Louthan, Beulah,
Sutherland, *Iowa.*

Weatherly, Marie,
Emporia.

PUBLIC-SCHOOL MUSIC.

Burlin, Cecile,
Abilene.

Darrough, Alma,
Emporia.

Darrough, Edith,
Emporia.

Frossard, Clara,
Russell.

Frye, Ora,
Lincoln.

Funk, J. Calvin,
Hillsboro.

Scoggan, Maude,
Beloit.

UNDERGRADUATES.

NOTE.—In parentheses, at the right of the names, abbreviations show classifications as follows: N-1, first-year Normal; N-2, second-year Normal; N-3, third-year Normal; N-4, fourth-year Normal; C-1, first-year College; C-2, second-year College; C-3, third-year College; C-4, fourth-year College. 1, Training School; 2, Kindergarten; 3, Kindergarten Training; 4, Music; 5, Irregular; 6, Library.

Abraham, Erma, (N-3).
Emporia.

Ackley, Suza, (N-2).
Portis.

Ackley, Zelma, (N-3).
Portis.

Adams, Sophie Louise, (C-1).
Hutchinson.

Adams, Susie, (N-3).
Grenola.

Adamson, Charles R., (C-3).
Erie.

Adamson, Jennie E., (N-4).
Erie.

Adamson, Virginia M., (N-4).
Erie.

Aikman, Charles, (1).
Emporia.

Albers, Edna, (N-1).
Hargrave.

Alexander, Buckle, (N-2).
New Ulysses.

Alexander, Clifton, (N-3).
Olpe.

Alexander, Effie, (N-3).
Olpe.

Allen, A. W., (C-1).
Kingman.

Allen, Anna M., (N-1).
Havana.

Allen, Clara, (N-3).
Havana.

Allen, Everett, (N-1).
Emporia.

Allen, Henniette O., (5).
Emporia.

Allen, James, (C-1).
Iola.

Allen, James G., (N-4).
Hewins.

Allen, Minnie Bowen, (4).
Iola.

Alter, Lulala, (C-1).
Lyons.

Alvord, Ilda, (1).
Emporia.

Alvord, Lesta, (4).
Emporia.

Amend, Cora V., (C-1).
Bonner Springs.

Anderson, Addie A., (N-1).
Walton.

Anderson, Aesta, (C-1).
Sedgwick.

Anderson, Amanda, (N-1).
Vesper.

Anderson, Carl, (2).
Emporia.

Anderson, Christine, (N-1).
Emporia.

Anderson, Edna Boyd, (N-1).
Gypsum.

Anderson, Emily Belle, (N-1).
Bonner Springs.

Anderson, Frances, (N-1).
Silverlake.

Anderson, Harriett V., (C-1).
Kansas City.

Anderson, John, (1).
Emporia.

Anderson, Julia, (1).
Emporia.

Anderson, Lawrence B., (N-4).
Alma.

Anderson, Lucy G., (4, N-3).
Hamilton.

Anderson, Ollie, (N-1).
Silverlake.

Anderson, Roy, (N-2).
Erie.

Anderson, Winifred, (N-2).
Wilmore.

Andrew, Irene, (N-2).
Madison.

Andrews, Julia, (1).
Emporia.

Appeltrad, Adelia, (N-3).
Leonardville.

Armstrong, Earl, (4).
Emporia.

Armstrong, Eva M., (C-1).
Wathena.

Armstrong, Evelyn, (4).
Emporia.

Arnold, Albert N., (N-1).
Emporia.

Attkisson, Mae, (N-1).
Hepler.

Austin, Glenn, (N-1).
Madison.

Ayers, Cora Etta, (C-1).
Emporia.

Ayers, John, (N-1).
Emporia.

UNDERGRADUATES.

Bahret, Elsie, (N-3).
Soldier.

Bailey, Agnes, (N-4).
Peabody.

Bailey, Warren, (2).
Emporia.

Baird, Edith, (N-3, 4).
Deerfield.

Baird, Eunice A., (N-3).
Cherryvale.

Baker, Eva Mae, (N-3).
Alden.

Baker, H. Violet, (C-1).
Topeka.

Balding, Florence, (N-2).
Medicine Lodge.

Baldridge, Floyd Kirk, (C-1).
Dodge City.

Baldwin, Berch L., (N-1).
Erie.

Baldwin, Ethele, (N-1).
Americus.

Baldwin, Eva C., (5).
Emporia.

Baldwin, Frankie, (N-3).
Cottonwood Falls.

Ball, Rowena, (N-4).
Melvern.

Balmer, Angie M., (N-3).
Corning.

Baltz, Guy, (C-1).
Attica.

Baltz, H. A., (C-2).
Winchester.

Baltz, W. D., (N-4).
Attica.

Bare, Lillian, (N-3).
Ottawa.

Barlow, Flora, (1).
Coldwater.

Barlow, Kate, (N-4).
Belvidere.

Barlow, Mabel, (N-1, 4).
Kinsley.

Barnes, Cyrus, (N-2).
Emporia.

Barnes, Frances Serene, (C-1).
Emporia.

Barnes, Verne, (C-3).
Kansas City, *Mo.*

Barnes, Wilber, (1).
Emporia.

Barnhart, Ethel, (N-1).
Halls Summit.

Barnwell, Hazel M., (N-4).
Beloit.

Barr, Charles, (N-3).
Emporia.

Barr, Erna, (N-4).
Diamond Springs.

Barr, Maude, (N-3).
Emporia.

Barrier, Dorthea, (1).
Tulsa, *Okla.*

Barrier, Laura, (2).
Tulsa, *Okla.*

Barrington, Lester, (1).
Emporia.

Barrington, Percy, (1).
Emporia.

Barrows, Alice M., (4).
Burrton.

Barry, Harry W., (N-4).
Meriden.

Bateman, Loie A., (N-4).
Kirwin.

Bates, Delia B., (N-3).
Grenola.

Baugh, Clarence M., (N-4).
Emporia.

Baugh, Lillian, (N-1).
Emporia.

Baustian, Henry F., (N-3).
Lucas.

Bayless, Ivy J., (C-1, 4).
Iola.

Beagle, Lila, (N-1).
Alta Vista.

Bean, Iva, (N-1).
Council Grove.

Beasley, Della, (N-4).
Thayer.

Beck, Anna Marie, (N-4).
St. John.

Beebe, Georgia, (N-4).
Burns.

Beecher, Mary, (N-3, 4).
Americus.

Beecher, Thomas, (N-1).
Americus.

Beeching, Gertrude, (N-3).
Otis.

Beevers, Blanche, (N-1).
Hamilton.

Beisly, Nannie, (N-3).
Wamego.

Belfield, Virgil, (1).
Emporia.

Bell, Charles, (N-1).
Kinsley.

Bell, Everett, (2).
Emporia.

Bell, Hazel, (N-4).
Council Grove.

Bell, Hazel, (1).
Hazelton.

Bell, Mrs. Mabel, (N-1).
Hazelton.

Bell, Ruth, (2).
Hazelton.

UNDERGRADUATES.

Bement, Emma, (N-4).
Winfield.

Bement, Mary E., (N-4).
Winfield.

Benedix, Mabel, (C-1).
Valley Falls.

Benne, Clara, (N-3).
Morrowville.

Benson, Iva, (1).
Emporia.

Benson, Nellie, (2).
Emporia.

Berg, Carrie, (N-3).
Meriden.

Berrier, Mildred, (5).
Emporia.

Berry, James (N-3).
Gognac.

Berthot, Stephanie A., (N-4).
Le Loup.

Bertram, Donald, (1).
Emporia.

Bertram, Esther, (1).
Emporia.

Bertram, Florence, (1).
Emporia.

Bertram, Jennie, (1).
Emporia.

Bertram, Marie, (1).
Emporia.

Best, Ethel, (N-1).
Admire.

Best, Ida Mae, (N-1),
Bushong.

Best, Ora T., (N-1),
Bushong.

Betz, Bessie Grace, (N-3).
Topeka.

Betz, Inza, (N-3).
Asherville.

Bibler, Elsie, (C-1).
Florence.

Bibler, Ethel, (C-1).
Florence.

Bice, Claude F., (C-3).
Hays.

Biggs, Eula, (N-3, 4).
Potwin.

Biggs, Mabel, (N-1).
Amy.

Binyon, Christopher W., (N-4).
Emporia.

Bird, Iris, (N-3).
Coldwater.

Birdsall, Clara, (N-2).
Neosho Rapids.

Birdsall, Walter H., (N-2).
Neosho Rapids.

Bishop, Hazel, (1).
Emporia.

Bishop, Marion, (N-3).
Emporia.

Bishop, Vera, (1).
Emporia.

Bitler, Ina, (C-2).
Madison.

Bixler, Ella Grace, (C-2).
Iola.

Bixler, Estella, (N-4).
Iola.

Black, Floyd, (C-1).
Severy.

Black, Georgia, (N-3).
Strong City.

Blackburn, Nora, (N-1).
Florence.

Blackmer, Gertrude, (N-3).
Hartford.

Blackmer, Nellie E., (C-1).
Hartford.

Blackwood, Lena, (N-4).
Idana.

Blackwood, Rena, (N-4).
Idana.

Blake, Chas. G. C., (N-2).
Wichita.

Blake, W. H., (N-1).
Wichita.

Blakely, Georgiana, (C-1).
Emporia.

Blakely, Myrtle, (N-4).
Emporia.

Blank, Karl, (N-1).
Emporia.

Blank, Pauline, (1).
Emporia.

Blankeley, Edna, (1).
Emporia.

Blankenberker, Grace, (N-1).
Ottawa.

Bleam, Louise, (N-3, 4).
Osborne.

Blossom, Hazel, (N-1).
Dunlap.

Bockenstette, Dina, (N-1).
Fairview.

Bogue, Verda, (2).
Emporia.

Bolan, Linda E. E., (N-1).
Olivet.

Boller, Adeline, (N-3).
Newton.

Bollin, John J., (N-1).
Leavenworth.

Bond, Earlington, (1).
Emporia.

Bond, Margaret, (1).
Emporia.

Bond, Merrett, (1).
Emporia.

UNDERGRADUATES.

Bookout, Ora, (N-1).
Olathe.

Boone, Frank G., (N-3).
Neal.

Boothe, Mabel, (N-3).
Waverly.

Boothe, Mayme H., (N-3).
Waverly.

Boothe, Nina, (N-1).
Waverly.

Boots, M. Grace, (N-3).
Farlinville.

Borden, Rob't, (4).
Maurertown, *Va.*

Borror, Nora, (N-1).
Westphalia.

Bostwick, Ella, (C-1).
Iola.

Bottomly, Victor, (C-1).
Cedar.

Bower, Bertha, (N-1).
Perry.

Bower, Helen, (4).
Lincoln.

Bower, Mabel Beatrice, (N-3).
Reading.

Bowers, D. W., (N-4).
Centropolis.

Bowers, Fred, (N-1).
Emporia.

Bowers, Susie, (N-2).
Peru.

Boyd, Ada V., (N-3, 4).
Glen Elder.

Boys, Burch, (N-3).
Grenola.

Bracken, Zella, (N-1).
Independence.

Bradbury, Pearl, (N-3).
Bartlett.

Bradford, Ella, (N-4).
Rose.

Bradley, Grace, (C-1).
Norcatur.

Bradley, Helen, (C-1).
Norcatur.

Brandenburg, Georgia, (N-3).
Bushong.

Brandon, Elsie, (N-1).
Olivet.

Brandt, Myrtle, (N-3).
Morland.

Brannan, C. C., (N-3).
Winfield.

Braun, Susie, (N-2).
Doniphan.

Brazelton, Senter, (C-1).
Wathena.

Breiner, Lucile M., (N-4).
Paola.

Breneman, John, (N-3).
Hoyt.

Breneman, Theda, (C-1).
Emporia.

Brenner, Edna, (C-1).
Manhattan.

Brewster, Ava, (N-3).
Thayer.

Bridges, Edna A., (N-4).
Almena.

Briggs, Esther (N-1).
Sedan.

Briggs, Lulu, (N-1).
Sedan.

Briggs, Stella, (N-4).
Fredonia.

Briggs, Virgia, (N-4).
Fredonia.

Bright, Ira J., (C-3).
Lansing.

Briley, Carl, (N-1).
Chanute.

Briley, Harry, (N-1).
Chanute.

Brim, Grayce, (N-1).
Emporia.

Brim, Nannie, (N-1).
Emporia.

Brinkman, Mary, (N-1).
Americus.

Brittain, Emma, (N-4).
White City.

Brock, Effie, (N-2).
Scott City.

Brooks, John R., (N-3).
Belle Plaine.

Brooks, Wm. Theodore, (1).
Emporia.

Broughton, Herbert L., (C-1).
Conway.

Brown, A. M., (N-3).
Dighton.

Brown, Allen, (1).
Emporia.

Brown, Almeda, (N-3, 4).
Abilene.

Brown, Clair Lowell, (1).
Emporia.

Brown, Mrs. C. Hannah, (N-1).
Council Grove.

Brown, Edith, (N-1).
Wells.

Brown, Frank E., (C-3).
Garnett.

Brown, G. A., (C-2).
Eskridge.

Brown, Hallie, (N-2).
Garden City.

Brown, Iva, (C-1).
Abilene.

UNDERGRADUATES.

Brown, Lelia A., (C-1).
Cochranton, *Pa.*

Brown, Lucile, (N-3).
Kendall.

Brown, Luvenia, (4).
Topeka.

Brown, Rice Evans, (C-3).
Emporia.

Brown, Sibyl, (1).
Emporia.

Brown, Walter, (N-2).
Garnett.

Browning, Georgia, (N-3).
Chanute.

Brownrigg, Belle, (N-3).
Mont Ida.

Brownrigg, Mary A., (N-3).
Mont Ida.

Bruce, Isabelle, (N-4).
Iola.

Bryan, Wilber, (N-1).
Doniphan.

Buck, Andrew, (N-2).
Longton.

Buffon, E. W., (N-4).
Denison.

Bullock, Blanche, (N-2).
Neosho Rapids.

Bullock, Lulu, (C-1).
Glasco.

Burbridge, Clarence, (N-3).
Gardner.

Burg, Ethel, (N-3).
Parsons.

Burkett, H. B., (N-3).
Erie.

Burkholder, Nettie, (N-4).
Topeka.

Burkwall, Herman, (2).
Emporia.

Burkwall, Margaret, (2).
Emporia.

Burnham, Mildred, (N-4).
Mankato.

Burns, Mabel N., (C-1).
Burlingame.

Burr, Myrtle, (N-3, 4).
Axtell.

Burton, Mrs. J. S., (5).
Emporia.

Burton, Paul, (N-3).
Logan.

Burton, Willard Augustus, (N-4).
Prescott.

Buser, Myrtle, (C-1).
Hutchinson.

Butin, Leila, (3).
Fredonia.

Butler, Wm. W., (C-1).
Everest.

Butts, Etta, (C-2).
Fredonia.

Byers, Nellie, (N-1).
New Ulysses.

Byrne, Elizabeth, (N-3, 4).
North Topeka.

Caesar, M. J., (N-3).
Shawnee, *Okla.*

Cahill, Thomas, (N-1).
Leavenworth.

Caldwell, Mattie, (N-4).
Lecompton.

Caldwell, Nellie, (C-1).
Moran.

Calkins, Leona (N-2).
Olivet.

Calvert, Maude, (N-1).
Lebo.

Camp, Margaret, (1).
Spokane, *Wash.*

Cann, Mamie, (C-1).
Overbrook.

Carder, Thomas J., (N-3).
Scranton.

Carey, Ada, (N-1).
Emporia.

Carey Agnes, (N-3).
Emporia.

Carl, Cecil Gray, (N-3).
Imperial.

Carl, Ethel May, (N-3).
Imperial.

Carl, Plumb, (N-2).
Imperial.

Carle, Leo, (2).
Emporia.

Carlson, Minnie Christine, (N-4).
Clay Center.

Carnine, Dorothy, (2).
Emporia.

Carpenter, Clifford, (N-1).
Paola.

Carpenter, Ina, (4).
Council Grove.

Carpenter, James, (N-4).
Garnett.

Carr, Emily, (N-1, 4).
Emporia.

Carr, Sylvia, (4).
Emporia.

Carroll, Mary Helen, (N-4).
Emporia.

Carson, Bessie, (N-1).
Hamilton.

Carter, James, (1).
Emporia.

Carter, Metta, (N-3).
Eskridge.

Casey, Julia, (N-1).
Volland.

UNDERGRADUATES.

Casey, Lela O., (N-3).
Fairview.

Cave, B. W., (N-1).
Neodesha.

Cave, Chas. D., (N-3).
Neodesha.

Cave, Frances, (N-3).
Neodesha.

Caywood, Roland B., (C-1).
Emporia.

Chaffee, Jessie O., (N-3, 4).
Little River.

Chandler, Mabel G., (N-3).
Emporia.

Chandler, Roscoe, (N-3).
Colony.

Chandler, Roy, (N-3).
Colony.

Chaney, Ethel, (N-1).
Lebo.

Chase, Eugene P., (5).
Dunlap.

Chase, Jessie M., (C-1).
Fowler.

Chase, Mary, (4).
Emporia.

Chatfield, Mayme N., (N-3).
Newton.

Childers, Edna, (N-1).
Emporia.

Chinn, Hattie, (N-1).
Wakarusa.

Chipman, Franc, (C-1).
Stockton.

Chipman, Helen, (C-1).
Stockton.

Chittenden, Everett, (N-2).
Chautauqua.

Christensen, Ethel, (N-1).
Emporia.

Christenson, Minnie, (2).
Argentine.

Christesen, Elenora, (1).
Emporia.

Christesen, Christine, (N-1).
Osage City.

Christesen, Goldie, (1).
Emporia.

Claiborne, Pearl, (N-1).
Piper.

Clardy, Lucile, (N-2).
Fort Smith, *Ark.*

Clark, Agnes, (C-3).
Alta Vista.

Clark, Estella V., (C-1).
Dodge City.

Clark, Florence I., (N-4, 4).
Alta Vista.

Clark, Wilbur F., (C-1).
Dodge City.

Clarke, Lola B., (N-4).
Emporia.

Clawson, Abbie, (N-1).
Kling.

Clay, Fleming, (1).
Emporia.

Cleavinger, Almon, (N-1).
Lowemont.

Cleavinger, Roy, (C-1).
Lowemont.

Clements, Earl, (1).
Emporia.

Clements, Floyd, (N-1).
Chanute.

Clifford, George, (N-3).
Douglass.

Cloud, Clyde, (N-4).
Admire.

Clyde, Maynard, (1).
Emporia.

Cobb, Jessie M., (N-4).
Osborne.

Codding, J. S., (N-4).
Westmoreland.

Coffey, Anna, (N-3).
Burlingame.

Coffey, Margaret, (N-3).
Burlingame.

Coffey, Rose, (N-1).
Burlingame.

Cogswell, Grace, (N-3).
Hutchinson.

Colborn, Florence, (N-3).
Medicine Lodge.

Cole, Alvin, (N-1).
Emporia.

Cole, Harry Julius, (N-1).
Emporia.

Cole, Mabel, (1).
Downs.

Cole, Mabel A., (4).
Emporia.

Cole, Richard, (N-4).
Emporia.

Colegrove, Ralph, (N-3).
Girard.

Coleman, Aaron, (N-3).
Castleton.

Coleman, Chas. Edward, (1).
Emporia.

Coleman, Edna, (1).
Emporia.

Coleman, Eunice E., (C-1).
Emporia.

Coleman, J. Sidney, (N-2).
Emporia.

Coleman, Mabel, (N-1).
Admire.

Coleman, Mary L., (C-1).
Emporia.

UNDERGRADUATES.

Coleman, Mattie, (N-1, 4).
Emporia.

Colline, Annie, (C-1).
McPherson.

Collingsworth, Grover, (N-3).
Potwin.

Colton, Martha, (C-3).
Leavenworth.

Colvin, Zona, (N-4).
Eureka.

Cone, Edna, (N-4).
Great Bend.

Connor, Hanna, (N-1).
Blaine.

Cook, Gracia, (C-3).
Parsons.

Cook, Harriet, (N-4).
Emporia.

Cook, Marguerite, (C-1).
Parsons.

Coon, W. Inez., (N-4).
Florence.

Cooper, Emma Estelle, (N-3).
Newton.

Cooper, Hattie O., (C-1).
Florence.

Cooper, L. Charlotte, (N-2).
Osawatomie.

Corn, Laura E., (C-1).
Humboldt.

Corney, Metta Carrie, (N-4).
Westphalia.

Cornick, Alice, (C-1, 4).
Anthony.

Cornick, Anna Laura, (C-1, 4).
Anthony.

Corning, Dorothy, (3).
Girard.

Cowan, Charlie, (2).
Emporia.

Cowan, Neil, (2).
Emporia.

Corey, H. D., (N-3).
Lansing.

Cox, Arthur Henry, (C-1).
Kansas City.

Cox, Florence, (2).
Emporia.

Cox, Grace V., (N-2).
Rose Hill.

Cox, Kenneth, (N-2).
Rose.

Cox, Marion, (N-4).
Stafford.

Cox, Teresa Annie, (N-1).
Reading.

Coy, Katharine, (N-4, 4).
Mankato.

Craddick, Elizabeth, (N-2).
Osborne.

Craig, Clara, (N-1).
Erie.

Craig, Hugh, (N-1).
Emporia.

Craig, Loraine, (1).
Emporia.

Craton, Lily, (N-3, 4).
Ramona.

Craven, Viola, (N-3).
Caldwell.

Crawford, James, (1).
Emporia.

Crawford, Ray, (1).
Emporia.

Crawford, Roy, (1).
Emporia.

Crawford, Samuel, (N-1).
Emporia.

Creighton, Lillian, (1).
Emporia.

Creighton, Nora D., (N-4).
Belleville.

Crevier, Effie, (4).
Marysville.

Crippen, Vera, (C-1).
Parsons.

Crisman, Elsie, (C-1).
Salina.

Crist, Emily, (N-3).
Marquette.

Crose, Leah, (C-1).
Beloit.

Cross, Agnes, (N-1).
Nashville.

Cross, Austa, (1).
Emporia.

Cross, Clarence, (N-1).
Pittsburg.

Cross, Claude B., (N-1).
Pittsburg.

Cross, Katherine, (N-1).
Nashville.

Cross, Marjarie, (2).
Emporia.

Crowell, Grace E., (N-3).
Dwight.

Croxton, Wm. Lester, (N-1).
Powhattan.

Crump, Flossie, (N-3).
Howard.

Culbertson, Geo., (N-3).
Emporia.

Culbertson, J. H., (N-1).
Erie.

Culbertson, Jas. Henry, (N-4).
Hepler.

Culbertson, Leland, (N-1).
Centerville.

Culley, Elmer E., (C-1).
Chanute.

UNDERGRADUATES.

Culter, Harold, (N-1).
Emporia.

Cummins, Arthur, (N-1).
Hartford.

Cunningham, Harry, (N-3).
Mont Ida.

Cunningham, Irma, (N-1).
Glasco.

Cunningham, Jessie V., (N-3).
Glasco.

Cunningham, Leda, (N-3).
Emporia.

Curtis, Della, (5).
Emporia.

Curtis, Ruby, (C-1).
Osage City.

Czapanskiy, Lucy A., (N-1).
Aurora.

Dahm, Anna, (N-1, 4).
Great Bend.

Dahm, Florence, (C-1).
Great Bend.

Dahmer, Bernice, (N-2, 4).
Jasper.

Dahmer, Edith, (N-1).
Jasper.

Dailey, C. L., (C-1).
Allen.

Daily, Ben. W., (C-1).
Wellsville.

Daily, Cora Lee, (C-1).
Burrton.

Dakon, Lola B., (N-3).
Emporia.

Dakon, Ora, (1).
Emporia.

Dakon, Stella, (1).
Emporia.

Daniels, Nora, (5).
Emporia.

Daniels, Margaret, (C-1).
Douglass.

Daniels, Ruth V., (N-3).
Smith Center.

Danner, Olive, (N-3).
Le Roy.

Davidson, Alma, (N-3).
Latham.

Davidson, Helen, (N-3).
Wichita.

Davidson, Laura, (N-1).
Latham.

Davies, Mrs. Jessie Daniels, (N-1).
Douglass.

Davies, Priscilla, (N-2, 4).
Reading.

Davis, Carrie, (N-3).
Emporia.

Davis, Cora, (1).
Emporia.

Davis, Chester, (1).
Emporia.

Davis, David Richard, (1).
Emporia.

Davis, Edwin, (N-2).
Studley.

Davis, Elizabeth M., (N-3).
Rozel.

Davis, Elsie, (N-4, 4).
Bucklin.

Davis, Esther, (1).
Emporia.

Davis, Fannie, (N-1).
Emporia.

Davis, Gladys, (1).
Emporia.

Davis, Grace, (N-3).
Sedan.

Davis, Lelia, (N-3).
Bucklin.

Davis, Lena, (N-4).
Topeka.

Davis, Lillian, (1).
Emporia.

Davis, Lydia, (1).
Emporia.

Davis, Margaret, (N-3).
Esbon.

Davis, Nellie, (1).
Emporia.

Davis, Ura, (4).
Hartford.

Davis, Wilson, (N-1).
Council Grove.

Davison, Mary Hall, (C-1).
Hill City.

Dawson, Lucile, (N-3).
Stafford.

Deadman, Elgie, (N-3).
Herington.

Deans, Viola, E., (N-3).
Eskridge.

DeLay, C. W., (N-3).
Emporia.

Dennis, Mary D., (N-3).
Iola.

Denny, Sylvia, (N-4).
McLouth.

Dent, Carl E., (N-3).
Council Grove.

Detrick, Frankie, (C-1).
Erie.

Dewey, Chas. H., (N-4).
Elk City.

Dewey, Delmer R., (N-1).
Earleton.

DeYoung, Adrian, (N-4).
Emporia.

DeYoung, Grace, (N-3).
Emporia.

UNDERGRADUATES.

Dezell, Lottie, (C-1, 4).
Hill City.

Dick Ethel, (C-1).
Siloam Springs, *Ark.*

Dickason, Essie M., (N-4).
Emporia.

Dickinson, Guy E., (C-1, 4).
Le Roy.

Diggs, Willie, (N-3).
Emporia.

Dillehay, Irene, (N-4).
Council Grove.

Dillin, Anna, (N-4).
Iola.

Dilman, E. L., (C-2).
Emporia.

Dillon, Franklin, (1).
Emporia.

Dilsaver, Fanny M., (N-3).
Athol.

Dinius, Leta May, (4).
Emporia.

Diver, Ethel, (4).
Neosho Falls.

Dixon, Alice, (N-4).
Leon.

Dixon, Ella, (N-3, 4).
Leon.

Dixon, John, (N-3, 4).
Leon.

Dixon, Judith, (N-3).
Leon.

Dodge, Alice E., (N-3).
Emporia.

Doll, Sarah Martha, (N-3).
Gognac.

Donica, Lovonia M., (C-3).
Bayard.

Doolittle, Bertha, (N-4, 4).
Attica.

Dore, Lucile, (N-4).
Waverly.

Dorman, Annie L., (C-1).
Centralia.

Dorman, Blanche, (N-4).
Centralia.

Doubrava, Leona, (N-2).
Holyrood.

Douglas, Flora, (N-2, 4).
Oberlin.

Douglas, Grace I., (N-4).
Oberlin.

Douglas, Henry, (N-2).
Emporia.

Douglas, Robert, (1).
Emporia.

Dow, Kate S., (C-2, 4).
Emporia.

Dowd, Lillian, (4).
Nezperce, *Idaho.*

Downing, Chas., (N-1).
Attica.

Downing, Myrtle, (N-3).
Little River.

Drake, Michael, (1).
Emporia.

Drisko, Caroline, (N-4).
Kansas City.

Drollinger, Nellie P., (C-1).
Humboldt.

Dudgeon, Roy, (N-1).
Earleton.

Duffy, Alda W., (N-4).
Vermilion.

Duffy, Cyrus, (N-4).
Vermilion.

Duggan, Katherine, (N-3).
Reading.

Duggan, Mary, (N-3).
Reading.

Dumm, Martha, (2).
Emporia.

Dunblazier, Doris, (4).
Emporia.

Dunham, Flora, (N-1).
Paola.

Dunham, Lillian, (N-4).
Paola.

Dunlap, Bertha W., (5).
Emporia.

Dunlap, Mary, (N-3).
Eureka.

Dunn, Mary, (1).
Emporia.

Dunn, Perry K., (N-4).
Laurel.

Dwelle, Alice Louise, (N-4, 4).
Cedar Point.

Dwelle, Ruth W., (N-2).
Cedar Point.

Dymacek, Rose, (N-4).
Caldwell.

Earl, Claude Harrison, (N-1).
Alton.

Eastin, E. C., (5).
Emporia.

Eastman, Bertha Mabel, (N-3).
Osborne.

Eastman, Rose M., (C-1).
Matfield Green.

Ecord, Oren, (N-1, 4).
Garnett.

Edgington, Louise, (N-3).
Harveyville.

Edman, Maude, (N-1).
Osage City.

Edmiston, Roy, (N-3, 4).
Americus.

Edwards, Anna Elizabeth, (N-3).
Emporia.

UNDERGRADUATES.

Edwards, Dorothy, (1).
Emporia.

Edwards, Hannah Mary, (5).
Emporia.

Edwards, Marjorie, (1).
Emporia.

Elder, Helen G., (N-4).
Lyndon.

Eldridge, Emma L., (C-1).
Emporia.

Elledge, Nellie, (N-1).
Haviland.

Elliott, Mayme, (4).
Emporia.

Ellis, Evelyn, (1, 4).
Emporia.

Ellis, Olive Irene, (1).
Emporia.

Ellis, Sibyl, (4).
Emporia.

Ellis, Sylvia A., (N-3).
Conway Springs.

Ellison, Myrtle, (N-1).
Cunningham.

Ellsworth, Bertha, (N-4).
Hutchinson.

Elmore, Elsie, (N-1).
Elk City.

Elmore, Lizzie, (N-1).
Elk City.

Emans, J. Frances, (N-4).
Leon.

Emerson, Sue, (N-4).
Topeka.

Emery, Adah, (N-2).
Chanute.

Emery, Elizabeth, (N-3).
Mulvane.

Engelhart, Nora, (4).
Tampa.

Engelhart, Rose, (4).
Tampa.

Engle, Harold, (N-1, 4).
Emporia.

Engle, Vernon, (2).
Emporia.

English, Lucile, (C-1).
Iola.

Epperson, Carrie, (N-2).
Scott City.

Erikson, Etna H., (C-1).
Junction City.

Ernest, Nina, (4).
Emporia.

Ernst, Ione, (N-4, 4).
Americus.

Ervin, Mrs. Stella, (4).
Emporia.

Essley, Faye, (N-1).
Galva.

Estep, May, (1).
Emporia.

Eubank, Jessie Guy, (N-2).
Cullison.

Evans, Dave, (4).
Emporia.

Evans, Fern, (N-4).
Lawrence.

Evans, Florence, (4).
Americus.

Evans, Lillie, (C-1).
Argentine Station.

Evans, Louise, (5).
Emporia.

Evans, Mary M., (5).
Emporia.

Evans, Mildred, (N-4).
Emporia.

Evans, Nellie M., (N-3).
Emporia.

Everett, Ray, (C-1).
Emporia.

Everley, Garnet Mabel, (C-1).
Glasco.

Fagan, Theresa, (N-3).
Reading.

Fair, Geo. H., (N-3).
Emporia.

Fairchild, Alice, (2).
Emporia.

Fanska, Elizabeth, (C-1).
Americus.

Fanska, Katherine, (C-1).
Americus.

Farmer, J. Allen, (N-3).
Osborne.

Farmer, Merle, (1).
Osborne.

Farnsworth, Nellie, (C-1).
Portis.

Fawcett, H. Hazel, (N-4).
Emporia.

Felker, Preston R., (N-4).
Hoyt.

Ferguson, Glenn V., (N-1).
Kincaid.

Ferguson, Katherine C., (N-4).
Paola.

Ferree, Ray, (N-3).
Yates Center.

Fessenden, E. M., (C-2).
Emporia.

Fetrow, A. W., (N-1).
Attica.

Fetrow, Ruth, (N-3).
Attica.

Field, Burt E., (C-1).
Vermilion.

Field, F., (N-1).
Yates Center.

UNDERGRADUATES.

Field, H. B., (N-4).
Yates Center.

Field, Hollie, (N-4).
Yates Center.

Finkle, Beverly A., (N-3).
Galva.

Finn, John M., (C-1).
Paola.

Finn, Susie, (N-3).
Paola.

Finnerty, Anna, (N-3).
Hartford.

Firestone, Iva, (N-3).
Ford.

Firestone, Jas. F., (C-1).
Ford.

Fish, Leward Fressenden, (2).
Emporia.

Fishel, Alice, (C-1).
Washington.

Fitzpatrick, Lillian, (1).
Emporia.

Fitzpatrick, Donald, (N-2).
Emporia.

Fitzpatrick, Maude, (C-1).
Emporia.

Fleming, Clara, (N-3).
Emporia.

Fleming, John A., (N-3).
Longton.

Fleming, Loma, (1, 4).
Emporia.

Fleming, Lydia, (N-1).
Longton.

Fleming, Tom, (1).
Emporia.

Flenner, Ella May, (3).
Abilene.

Floyd, Elsie May, (4).
Americus.

Floyd, Frances, (N-2).
Peru.

Fluker, Florence, (N-3).
Emporia.

Foland, Mabelle, (C-1).
Almena.

Foncanon, Frank, (N-4).
Emporia.

Forbes, Eunice, (1).
Emporia.

Forbes, Jesse Frazer, (C-1).
Wathena.

Forde, W. Ingram, (5).
Emporia.

Foshay, Nellie, (C-1).
Carbondale.

Foster, Cornelius, (N-3).
Kincaid.

Fought, Zella, (N-1).
Galesburg.

Fountain, Darris, (1).
Emporia.

Fountain, Elizabeth, (2).
Emporia.

Fountain, Ethel, (1).
Emporia.

Fountain, Francis, (1).
Emporia.

Fountain, Ralph, (1).
Emporia.

Fountain, Richard, (1).
Emporia.

Fouts, Bessie L., (4).
Frankfort.

Fox, Hazel A., (C-1, 4).
Larned.

Fox, Minnie, (N-1).
Olpe.

Francis, Alta, (4).
Emporia.

Francis, Etta, (4).
Beloit.

Francis, LeRoy W., (N-3, 4).
Sylvan.

Francis, Walter, (N-1).
Shaw.

Francis, Willard, (N-1).
Sylvan.

Franz, Ida, (N-1).
Rozel.

Franzen, J. H., (C-1).
Moundridge.

Fraser, J. E., (C-2).
Scandia.

Fredericks, Otto, (N-2).
Allen.

Fredricks, Blanche, (N-3).
Homewood.

Fredricks, Ethel, (N-1).
Homewood.

Fredricks, Frances, (N-3).
Homewood.

Freer, James, (N-3).
Pawnee Rock.

Freese, Mrs. Mira S., (N-3).
Thayer.

Freese, Theron, (N-4).
Thayer.

French, Millie M., (N-2).
Madison.

Friend, Frances, (1).
Emporia.

Friend, Mary, (N-3).
Emporia.

Friend, Sarah, (N-3).
Emporia.

Friend, Sudie, (N-3).
Emporia.

Fritz, Emily, (N-4, 4).
Beattie.

UNDERGRADUATES.

Fronk, Mary R., (C-3, 4).
Meriden.

Frye, Edna, (N-1).
Burlington.

Frye, Ora, (C-1, 4).
Lincoln.

Fulcher, Anna, (N-4).
Tonganoxie.

Fulcher, Gertrude, (N-2).
Leavenworth.

Fulcher, Mattie, (N-3).
Leavenworth.

Fulk, Mabel, (N-1).
Lebo.

Fuller, Mrs. Bernice, (N-4).
Emporia.

Fuller, John W., (N-1).
Madison.

Fuller, Katherine, (N-3).
Emporia.

Fulton, Cleft, (4).
Mankato.

Fulton, Ina, (C-1).
Towanda.

Fultz, Atley, (1).
Emporia.

Fultz, Iva, (1).
Emporia.

Fultz, Robert, (2).
Emporia.

Funk, Peter Cornelius, (C-1).
Hillsboro.

Funston, Vida, (N-4).
Americus.

Gabbert, Maude, (N-1).
Neosho Rapids.

Gafford, Myrtle, (N-2).
Emporia.

Gage, Mrs. Blanche, (N-3).
Seneca.

Gaines, Mattie, (N-3).
Ottawa.

Gallagher, Lola Agnes, (C-1).
Hoxie.

Gallagher, Winifred, (N-3).
Sparks.

Gambill, Marcus B., (C-1).
McCune.

Gambill, M. Gusta, (5).
McCune.

Gamble, Lena, (C-3).
Tonganoxie.

Gard, Ernest A., (C-1).
Anthony.

Gardner, Bertha V., (C-1).
Kingman.

Gardner, Fred C., (N-4).
Grainfield.

Gardner, Mildred, (N-1).

Gardner, Olive E., (3, 4).
Newton.

Garner, Edna, (N-3, 4).
Lafontaine.

Garrett, Phrona, (N-4).
Clay Center.

Garrison, Alta, (N-3).
Summerfield.

Gaston, Nina, (C-1).
Erie.

Gebhart, Floy May, (C-3).
Alden.

Gee, Lillie, (1).
Emporia.

Gee, Fred, (1).
Emporia.

Geelan, Carrie, (N-3).
Lecompton.

Geelan, Norah, (N-1).
Lecompton.

Geers, Frank M., (N-1).
Paola.

Geigus, Grace, (N-1).
Burlingame.

Geiler, Josephena, (N-3).
Homewood.

Geiman, Etta, (N-3).
McPherson.

George, Ethel, (C-1, 4).
Erie.

Gepharte, Jessie, (C-1, 4).
Yates Center.

Germann, Louisa C., (N-3, 4).
Alta Vista.

Gettinger, Ruth, (N-3).
Homewood.

Gibbs, Harry, (1).
Emporia.

Gibson, Ethel, (1).
Emporia.

Gibson, Lucile, (1).
Emporia.

Gier, Wilber J., (N-3).
Hepler.

Gifford, Lucy, (N-1).
El Dorado.

Gifford, Merle, (N-1).
El Dorado.

Gilbert, Jesse M., (N-4).
Emporia.

Gilbert, John Edward, (C-1).
Lincolnville.

Giles, Marion, (2).
Emporia.

Gilman, Pearl, (N-1).
Emporia.

Gist, Edith Vassie, (N-3, 4).
Bushong.

Givin, George, (4).
Emporia.

UNDERGRADUATES.

Givin, Grace, (C-1, 4).
Emporia.

Godsey, Alice, (1).
Emporia.

Godsey, Earle, (1).
Emporia.

Godsey, Grace, (2).
Emporia.

Goldsborough, Willie, (N-1).
Dover, *Okla.*

Goodwin, Byron, (1).
Emporia.

Goodwin, Grace, (C-1).
Abilene.

Goodwin, Leota Nell, (4).
Emporia.

Goss, John L., (N-1).
Emporia.

Gough, Wm., (N-4).
Chanute.

Graham, Francis, (2).
Emporia.

Grattan, Irene, (C-1).
Wichita.

Grattan, Oressa, (N-4).
Wichita.

Gravatt, Abbie, (C-1).
Beloit.

Gravatt, Lena, (5).
Emporia.

Graves, Ina, (C-1).
Emporia.

Graves, Roscoe, (4).
Emporia.

Gray, Carrie, (N-3).
Geneva.

Gray, Isabelle, (N-1).
Atchison.

Gray, Mabel, (C-1).
Washington.

Gray, Marguerite, (N-1).
Atchison.

Grayum, Wm. H., (C-1).
Jones, *Okla.*

Green, Eleanor, (C-1).
Leavenworth.

Greenawalt, Mary Frances, (C-1).
Princeton.

Greenlee, Alice Minnie, (N-4).
Atchison.

Greenlee, Frank, (1).
Emporia.

Greenlee, Gladys, (1).
Emporia.

Greenlee, Harvey, (N-1).
Emporia.

Greenlee, John, (N-1).
Emporia.

Greenlee, Myrtle, (N-1).
Emporia.

Greenlee, Vernon, (1).
Emporia.

Griffith, Leah, (N-3).
Iuka.

Griffith, Myra, (N-3).
Asherville.

Griffiths, Mabel, (4).
Gridley.

Griggs, Hester Anna, (N-1).
Olivet.

Grigsby, Leone, (1).
Emporia.

Grigsby, Mary V., (C-1).
Emporia.

Grinell, S. A., (N-2).
Americus.

Grinter, Josephine, (N-1).
Ottawa.

Grissom, Flora, (N-2).
Neosho Rapids.

Grissom, Hazel, (1).
Emporia.

Groh, Frank, (1).
Emporia.

Gross, Vesta, (1).
Emporia.

Groty, Grace M., (5).
Emporia.

Grove, Fern B., (C-1).
Parker.

Grubb, Eva M., (N-3).
Phillipsburg.

Grubb, Laura S., (N-3).
Phillipsburg.

Grubbs, O. F., (C-3).
Thayer.

Gufler, Dorothea Rose Mary, (2).
Emporia.

Gunckel, Lulu, (C-1).
Leoti.

Gunzleman, Goldie May, (N-1).
Emporia.

Gunzleman, Joseph, (1).
Emporia.

Gwinner, Myrtle Juanita, (2).
Emporia.

Hagans, Asa B., (N-3).
Utica.

Hagge, Mrs. Elizabeth, (N-3).
Pleasanton.

Hahn, Ralph, (2).
Emporia.

Hail, Florence, (3).
Emporia.

Hakes, Stella Mae, (C-1).
Clyde.

Hale, Elva, (N-1, 4).
Emporia.

Hall, Carrie, (N-3, 4).
Minneola.

UNDERGRADUATES.

Hall, Della, (N-3).
Powhattan.

Hall, Emily, (3).
Abilene.

Hall, Nellie, (N-3).
Hazelton.

Hall, Nora, (N-3).
McPherson.

Hall, Stella, (N-3, 4).
Powhattan.

Hall, Wm. B., (C-3).
Kansas City.

Hallberg, Anna, (1).
Emporia.

Hally, Thos. F., (C-1).
Delphos.

Hamer, Dorothy, (1, 4).
Emporia.

Hamer, Irene, (1).
Emporia.

Hamil, Margaret, (N-3).
Tonganoxie.

Hamilton, Leon, (6).
Spokane, *Wash.*

Hammond, Gertrude, (N-3).
Emporia.

Hammond, Perley, (N-1).
Emporia.

Hancock, McKinley, (1).
Emporia.

Hanna, H. J., (C-3).
Waverly.

Hannum, Helen, (1).
Emporia.

Hansen, Lucile May, (C-1).
Greenleaf.

Happy, Guy, (N-1).
Emporia.

Haptonstall, Glydeth, (N-2).
Republic.

Harbour, Anna E., (N-3).
Herington.

Harder, Dorothy, (2).
Emporia.

Hardin, Ray, (N-1).
Pittsburg.

Hargis, Floyd, (N-3, 4).
Pittsburg.

Harlan, Laura J., (N-3, 4).
Leavenworth.

Harper, Bertha, (N-4).
Eureka.

Harrigan, Josie, (C-1).
Marysville.

Harris, Iey, (N-1).
Emporia.

Harris, Massa Cecelia, (N-2).
Newton.

Harrison, Dolph C., (N-4).
Marion.

Harsh, Gladys, (N-1).
Cassady.

Hart, Lottie, (N-1).
Newton.

Hartman, Albert, (N-1).
Emporia.

Hartman, Lawrence, (N-1).
Emporia.

Harvey, Cora E., (N-3, 4).
Goddard.

Harvey, Lillie, (1).
Emporia.

Haskin, Grace, (C-1).
Fort Scott.

Hastings, Effie LaVisa, (N-4).
Alma.

Hatch, Belle, (N-3, 4).
Oneida.

Hatcher, Isaac, (1).
Emporia.

Hatcher, Paul, (1).
Emporia.

Howes, Margaret, (C-3).
Benton.

Hay, Florence, (C-1).
Eskridge.

Hay, William S., (C-1).
Eskridge.

Haynes, Chas., (5).
Emporia.

Haynes, Mabel, (N-3).
Emporia.

Haynes, Virginia, (1).
Emporia.

Haynes, William, (1).
Emporia.

Hays, Edith, (C-2).
Emporia.

Hays, Myrtle, (C-2).
Emporia.

Heagy, Edna M., (C-1).
Peabody.

Hearn, Thos., (C-1).
Brown.

Hearst, W. F., (N-3).
Parsons.

Heaton, Albert, (C-1).
Bronson.

Heaton, Harrison, (N-1).
Bronson.

Hebrank, Maudie, (N-1).
Council Grove.

Hedlund, Irene, (1).
Emporia.

Hedlund, Paul, (1).
Emporia.

Heffelfinger, Neva, (1).
Emporia.

Heinbaugh, Zelah, (N-4).
Parsons.

UNDERGRADUATES.

Heldman, Minda, (N-1).
Ness City.

Hemenway, Addie, (N-4).
Emporia.

Hemenway, Edna, (N-3).
Emporia.

Hemenway, Ruth, (1).
Emporia.

Henderson, Frank D., (N-4).
Eskridge.

Hendrickson, Floyd, (1).
Emporia.

Hendrickson, Irl, (1).
Emporia.

Hendrickson, Mabel, (C-1).
Chanute.

Hendrix, Sam, (N-4).
Harper.

Hennings, Ella, (N-1).
Wallace.

Henry, Marie, (N-2).
Washington.

Hensley, Edwin, (1).
Emporia.

Hensley, George L., (C-3).
Emporia.

Hensley, Nellie, (C-3).
Emporia.

Henthorn, Hattie, (C-1).
Santa Fe.

Herod, Len B., (C-1).
Erie.

Herst, Ora Grace, (N-1).
Argonia.

Hesse, Lena M., (N-1).
McLouth.

Hialt, James Hay, (2).
Emporia.

Hicks, Cornelia, (N-1).
Topeka.

Hicks, Effie, (N-3).
Osawatomie.

Hill, Alfred, (N-3).
Emporia.

Hill, C. W., (C-1).
Smith Center.

Hill, Muriel, (1, 4).
Emporia.

Hill, Ruth, (1, 4).
Emporia.

Hill, Wayne, (2).
Emporia.

Himes, Ella Alice, (N-2).
Kanopolis.

Hinchman, Ora, (N-1).
Quincy.

Hinchman, Wm. J., (N-3).
Quincy.

Hindman, Hattie, (N-2).
Baldwin.

Hinshaw, Albert, (1).
Emporia.

Hinshaw, Frances, (N-3).
Emporia.

Hinshaw, Homer, (N-1).
Emporia.

Hinshaw, Ruth A., (N-4).
Emporia.

Hinshaw, Sarah, (1).
Emporia.

Hinshaw, Steve, (1).
Emporia.

Hitchens, Perry, (N-1).
Burlington.

Hobart, Lydia, (C-1).
Paola.

Hobson, Edna, (N-2).
Courtland.

Hodges, Clara F., (C-1).
Ottawa.

Hodges, Edd, (N-1).
Lebo.

Hoffman, Mabel E., (C-1).
Reece.

Hoggatt, Velva, (2).
Emporia.

Holland, James, (N-3).
Bronson.

Hollinger, Ethel, (N-4).
Chapman.

Hollister, Albert L., (C-3).
Onaga.

Holm, Elizabeth, (N-4).
Goddard.

Holmes, May, (C-3).
Prescott.

Holmes, Morton, (N-1).
Waverly.

Holtman, Lenora, (N-1).
Randolph.

Holtman, Mayme, (N-1).
Randolph.

Holtz, Maud Thomson, (5).
Emporia.

Honhart, F. L., (5).
Emporia.

Honska, Otto J., (C-3, 4).
Lost Springs.

Hooker, Violet, (1).
Emporia.

Hooper, Mildred E., (N-1).
Junction City.

Hoopes, Ethelwynne, (N-4).
Pomona.

Hoover, Myrtle Edna, (N-4).
Downs.

Hopkins, Anna P., (C-3).
Hays.

Hopkins, Gertie B., (N-2).
Potwin.

UNDERGRADUATES.

Hornbaker, C. O., (N-4).
Castleton.

Hoskins, Laura E., (N-3).
Norcatur.

Hoskins, Myrtle, (N-1).
Norcatur.

Hostinsky, Joseph, (N-3).
Cuba.

Hothan, Mary L., (C-3).
Lyndon.

House, Hazel, (4).
Marysville.

Houston, Eula A., (C-2).
Potwin.

Houston, Hazel, (C-1).
Chanute.

Houston, M. Ona, (C-1).
Potwin.

Houston, Oren, (N-1).
Potwin.

Hover, Harriett, (1, 4).
Eureka.

Hover, Mrs. Margaret, (N-3).
Eureka.

Howard, Mary E., (C-1).
Leavenworth.

Howarter, Glenn, (N-1).
Kincaid.

Howe, Margaret, (N-4).
Burlington.

Howell, Edith, (C-1, 4).
Emporia.

Hoxie, Ella C., (C-1).
Leavenworth.

Hubert, Jennie A., (N-3).
Muskogee, *Okla.*

Huenergardt, Irma E., (N-1).
Durham.

Huffman, Olive M., (5).
Mescalero, *N. M.*

Huffmaster, Ella, (N-3).
Coldwater.

Hufford, Bertha, (N-3).
Thayer.

Huggins, Junior, (1).
Emporia.

Huggins, Mary, (2).
Emporia.

Hughes, Arthur O., (N-3).
Emporia.

Hughes, Manuel, (2).
Emporia.

Hughes, Owen William, (N-3).
Emporia.

Hulbert, Mercy, (N-3).
Pana.

Hull, Effie, (N-1).
Dunavant.

Hultz, Laura, (1).
Emporia.

Humburg, Amy (4).
Bison.

Humphrey, Ida, (1, 4).
Emporia.

Humphrey Jessie, (1).
Emporia.

Humphrey, Mary, (1).
Emporia.

Humphrey, Robert, (1).
Emporia.

Humphrey, William, (1).
Emporia.

Hunger, Audria May, (C-1).
Alta Vista.

Hungerford, George, (N-1).
Emporia.

Hunt, Harry, (N-3).
Parsons.

Hunt, Roy C., (N-3).
Narka.

Hunter, J. T., (C-3).
Holton.

Hunter, Mrs. J. T., (N-3).
Holton.

Hunter, Marguerite, (N-2).
Emporia.

Hunter, Mildred, (1).
Emporia.

Hunter, William, (1).
Emporia.

Hunter, Zella Z., (N-3).
Longton.

Hutcherson, Rosa, (N-4).
Arnold.

Hutchins, Harold, (4).
Emporia.

Huxman, Walter A., (N-3).
Pretty Prairie.

Hyatt, Alice, (N-4).
Lecompton.

Hysom, Bert, (N-1).
Emporia.

Iden, Joye, (N-3).
Emporia.

Iden, Gaye, (N-3).
Emporia.

Inghram, Abbie, (C-1, 4).
Newton.

Ingram, Anna C., (4, N-2).
Osborne.

Ireland, Ernest, (4).
Emporia.

Ireland, Neal, (N-1, 4).
Florence.

Irwin, Donald, (N-3).
Plymouth.

Irwin, Irene, (N-3).
Plymouth.

Irwin, Myrtle, (N-1).
Hill City.

UNDERGRADUATES.

Irwin, Nellie, (N-3).
Emporia.

Jack, Alice, (N-3).
Emporia.

Jacobs, Nellie, (1).
Emporia.

Jaggard, Guy H., (C-3).
Emporia.

Jaggers, Ray, (N-3).
Burlington.

Jaggers, Willie, (N-1).
Burlington.

James, Margaret C., (1).
Emporia.

James, Maurice, (N-4).
Madison.

Jamison, James, (4).
Emporia.

Jarrott, Daisy, (N-4).
Atchison.

Jarrott, J. W., (C-1).
Neodesha.

Jensen, Albert, (C-1).
Ottawa.

Jensen, John, (N-1).
Emporia.

Jenson, Victor, (N-1).
Ottawa.

Jeremy, Ralph E., (N-1).
Emporia.

Jerony, Ruth Helen, (N-3).
Emporia.

Johnson, Birdie, (3).
Yates Center.

Johnson, C. F., (N-3).
Lincolnville.

Johnson, Mrs. C. H., (N-4).
San Angelo, *Tex.*

Johnson, Effie Alice, (N-1).
Olivet.

Johnson, Emily C., (N-4).
Osage City.

Johnson, Grace B., (3).
Altus, *Okla.*

Johnson, Mary E., (N-3).
Dwight.

Johnston, Emily L., (C-1).
Bronson.

Jones, Bessie, (N-3, 4).
Topeka.

Jones, Catherine P., (C-1).
Emporia.

Jones, George I., (2).
Emporia.

Jones, Gladys B., (N-4).
Emporia.

Jones, Hazel, (1).
Emporia.

Jones, Hazel M., (C-3).
Emporia.

Jones, Humphrey, (C-1).
Emporia.

Jones, Irene, (C-1).
Attica.

Jones, Iva Pearl, (N-2).
Emporia.

Jones, Jason W., (N-3).
Emporia.

Jones, Martha E., (N-3, 4).
Emporia.

Jones, Mary Alice, (N-3).
Emporia.

Jones, Mary Carroll, (N-3).
Kirwin.

Jones, Minnie, (N-3).
Speed.

Jones, Myrtle, (N-4).
Pratt.

Jones, Nellie, (N-1).
Emporia.

Jones, Ralph E., (N-3).
Moline.

Jones, Sarah A., (C-2).
Emporia.

Jones, Sylvia, (N-1).
Emporia.

Judd, Laura B., (N-2).
Bigelow.

Judy, Bessie, (N-3).
Oskaloosa.

Judy, Iona, (N-3).
Oskaloosa.

Kappelmann, Benj., (N-4).
Linn.

Kappelman, Ida, (N-3).
Linn.

Keech, Edith E., (N-1).
Emporia.

Keefer, Grace Elizabeth, (C-1).
Humboldt.

Keenan, Gertrude, (N-3).
Louisburg.

Keeney, Rose, (N-4).
Pawnee Station.

Keesling, Dorothy, (N-2, 4).
Meriden.

Keim, Ellen, (N-1).
Meriden.

Kell, Mrs. Gertrude, (C-1).
Hays.

Kell, Myrtle, (N-2, 4).
Lakin.

Kelley, Frankie Vane, (N-2).
Allen.

Kelley, Marion, (1).
Emporia.

Kellogg, Mrs. Chas., (5).
Emporia.

Kelly, Elmer, (N-1).
Elk City.

UNDERGRADUATES.

Kelly, Kitty, (N-1).
Elk City.
Kendall, Julia Elizabeth, (C-1).
Smith Center.
Kendig, Esther, (2).
Emporia.
Kennedy, Ellen, (N-1).
St. Marys.
Kennedy, Flosse, (C-1).
Coffeyville.
Kennel, Blanche, (C-1).
Herington.
Kennel, Hattie L., (5).
Herington.
Kensley, Lucile L., (N-3).
Emporia.
Kerr, Ethel Esther, (C-1).
Americus.
Kersey, Elma June, (N-3).
Bushong.
Kersey, R. T., (C-1).
Louisville.
Kerchner, L. B., (N-3).
Paola.
Kethcart, Jennie, (N-3).
Mahaska.
Kieler, Annah M., (N-3).
Peabody.
Killey, Helena M., (C-1).
Nortonville.
Killough, Bessie, (C-1).
Ottawa.
Kimble, Bessie, (N-3).
Mulvane.
Kimzey, Ernest, (N-1).
Longton.
King, Edna Fay, (N-1).
Emporia.
King, Mabel Viola, (N-2).
Emporia.
King, Margaret, (N-4).
Wellington.
King, Minnie, (4).
Portis.
King, Wesley T., (C-3).
Emporia.
Kinkaid, Ethel, (N-1).
Berryton.
Kinkead, Mabel, (N-4).
Emporia.
Kinsey, Jennie, (N-4).
Kingman.
Kirby, Arthur, (2).
Emporia.
Kirchner, Ada, (N-4).
Osage City.
Kirk, Edna, (N-4).
Flintridge.
Kirk, Leta B., (C-1).
Emporia.
Kirkeminds, Sadie M., (N-1).
Council Grove.
Kissack, Ethel, (N-1).
Summerfield.
Kitchen, Condace, (N-4).
Osawatomie.
Kitchen, Martha, (N-3).
Osawatomie.
Kjellin, John Judson, (2).
Emporia.
Klamet, Edna, (N-3).
Tonganoxie.
Kline, Ruth, (C-1, 4).
Emporia.
Kliwer, Arthur, (1).
Emporia.
Kliwer, Henry, (4, 1).
Emporia.
Knight, Katharyn, (N-3).
Maple Hill.
Knisley, Alta, (N-1).
Emporia.
Knisley, Carrie, (N-1).
Emporia.
Knisley, Cora, (N-1).
Emporia.
Knisley, David, (N-1).
Emporia.
Knisley, Guy, (N-1).
Emporia.
Knisley, Lucile Lois, (N-3).
Emporia.
Knoles, Herschel S., (N-3).
Fredonia.
Knox, George, (1).
Emporia.
Knox, Josephine, (1).
Emporia.
Knox, Mabel, (N-3).
Kickapoo.
Kocher, Edith, (N-2, 4).
Coats.
Koerner, Elnora, (N-1).
Haddam.
Kootz, Loie, (1).
Emporia.
Kraum, Clarence, (N-1).
Emporia.
Kraum, Ralph E., (N-2).
Emporia.
Krohn, Josie, (N-1).
Moline.
Kropp, Irene, (N-1).
Chase.
Kruger, Lottie, (N-3).
Leavenworth.
Kuhn, Marguerite Leona, (C-1).
Solomon.
Kuykendall, Elsie, (N-1).
Osage City.

UNDERGRADUATES.

Laird, Anna, (N-3).
Cummings.

Lamar, Katherine, (N-2).
Bazaar.

Lamb, Flora, (N-1).
Dunlap.

Lamb, Leola, (N-1).
Dunlap.

Lambert, Edith, (N-1).
Ebling.

Lambert, Jessie, (N-1).
Lamont.

Lamons, Estella, (N-3).
Geneva.

Lane, Mary S., (N-3).
Eskridge.

Langdon, Agnes, (C-1).
Paola.

Langford, Nellie, (C-1).
Heizer.

Lansdowne, Nettie, (N-1).
Parsons.

Larson, Emil Leonard, (N-3).
Chanute.

Larson, Eric, (N-4).
Scandia.

Larson, Etta J., (N-4, 4).
Salina.

Larzelere, Frank, (1).
Emporia.

Larzelere, Margaret, (C-1).
Wathena.

Latshaw, Estella, (N-1).
Pratt.

Lauck, Blanche, (N-1, 4).
Peabody.

Lauck, Pearl, (N-1, 4).
Peabody.

Lauer, Albert. (4).
Osage City.

Lawyer, Ethel, (N-3).
Moline.

Leatherman, Clara, (N-1).
Dunavant.

Leatherman, Mary, (N-1).
Dunavant.

Lee, Elvin, (N-2).
Chautauqua.

Lester, Mary, (N-2).
Melvern.

Lett, Alma, (N-1).
Emporia.

Levey, Esther, (N-1).
Emporia.

Levi, Sam, (1).
Emporia.

Lewis, Anna, (N-3).
Hiawatha.

Lewis, Arthur M., (N-4).
Burlington.

Lewis, Benj. H., (N-1).
Emporia.

Lewis, Charlotte, (C-3).
Emporia.

Lewis, Cora A., (N-1).
Hamilton.

Lewis, Dennis M., (N-4).
Kingfisher, *Okla.*

Lewis, Edna C., (N-1).
Emporia.

Lewis, Elizabeth, (N-3).
Emporia.

Lewis, Ethelyn, (N-2).
Emporia.

Lewis, Ernest, (1).
Emporia.

Lewis, Frances, (N-3).
Emporia.

Lewis, Mary B., (N-3).
Stilwell.

Lewis, Maud, (C-1).
Osage City.

Lewis, Olive, (1).
Emporia.

Lichlyter, Bessie, (1).
Emporia.

Lichlyter, Lola May, (N-3).
Sharon.

Lindley, Jonathan, (N-1).
Rose Hill.

Lindsay, Jesamine, (C-1).
Kansas City.

Lipper, Fred, (C-1).
Leoti.

Lischeskey, Lena, (N-3).
Alta Vista.

Little, Bessie A., (N-4).
Eureka.

Lock, Lora, (4).
Emporia.

Lockey, Frankie, (2).
Emporia.

Lockhart, Harriet, (C-1).
Goff.

Lockwood, Annie W., (N-3).
Parsons.

Lockwood, Daniel, (4).
Emporia.

Lockwood, Helen Virginia, (C-1).
Emporia.

Lockwood, Lawrence, (4).
Emporia.

Loeffer, Byrtilla, (4).
Linn.

Loeffer, Martha, (N-1).
Linn.

Long, John, (1).
Emporia.

Long, Mrs. May, (4).
Collyer.

UNDERGRADUATES.

Longfellow, Daisy, (1).
Emporia.

Longfellow, Ettie, (N-1).
Emporia.

Longshore, Florence, (N-3).
Iola.

Loveless, Opal, (C-1).
Emporia.

Lovett, Clara, (C-1, 4).
Larned.

Lowe, Cecilia, (N-1).
Topeka.

Lowe, Charles Everett, (N-1).
Erie.

Lowe, Elizabeth Z., (N-2).
Fontana.

Lowe, Ethel (N-2).
Fontana.

Loyd, Elmer, (N-3).
Gretna.

Luckey, Elsie, (N-2).
Emporia.

Luckey, Iva, (N-4).
Osborne.

Lund, Frank, (N-1).
Alma.

Lunden, Mina, (C-1).
Lincoln.

Luse, Hattie Maude, (N-1).
Garnett.

Lusk, Sarah, (N-1).
Olivet.

Lynch, Nellie E., (C-1).
Herington.

Lynch, W. R., (C-1).
Admire.

Lyness, Arthur S., (N-4).
Walnut.

Lyon, L. Frances, (N-3).
Moline.

McArthur, Neal, (1).
Emporia.

McAtee, Estella, (N-3).
Parkerville.

McAuley, Glee, (1).
Emporia.

McAuley, Joy, (1).
Emporia.

McCafferty, Roy, (N-1).
Clearwater.

McCandless, Mary Evalyn, (2).
Emporia.

McCandless, Rhea, (2).
Emporia.

McCarroll, Anna, (C-2).
Emporia.

McCarter, Leda, (1).
Emporia.

McCarter, Nuda, (1).
Emporia.

McCarty, J. F., (N-3).
Parker.

McCarty, Leona, (4).
Emporia.

McCaw, Lorena, (2).
Emporia.

McClelland, Frank M., (C-1).
Shambaugh, *Iowa.*

McClintock, Ada, (N-3).
Liberty.

McClure, Adda M., (C-1, 4).
Yates Center.

McClure, Arline Ruth, (4).
Perry.

McClure, Cora, (N-1).
Cedar Vale.

McClure Edna, (2).
Emporia.

McClure, Faye, (N-1).
Grenola.

McConnell, Donald, (N-1).
Council Grove.

McConnell, Harry, (1).
Emporia.

McConnell, W. W., (N-3).
Council Grove.

McCormack, Mrs. Anna G., (5).
Emporia.

McCormack, Nellie, (N-1).
Emporia.

McCormack, Ruth, (N-1).
Yates Center.

McCosh, Oakley, (N-1).
Americus.

McCoy, Beulah, (N-3).
Emporia.

McCown, Wallace Norton, (2).
Emporia.

McCoy, J. P., (C-3).
Wamego.

McCracken, Maconda, (N-1).
Overbrook.

McCrerey, Roger L., (4).
Hiawatha.

McCrorey, Maurice, (4).
Emporia.

McCullough, Alex. Roscoe, (C-1).
Emporia.

McCullough, Eliza, (1).
Emporia.

McCullough, Hazel, (1).
Emporia.

McCullough, John, (2).
Emporia.

McCullough, Margaret, (1).
Emporia.

McCullough, Mrs. Robert, (5).
Emporia.

McDiel, Hardin, (1).
Emporia.

UNDERGRADUATES.

McDonald, Alma, (N-3, 4).
Howard.

McDonald, Cora, (N-1).
Howard.

McDowell, Angie, (N-3).
Emporia.

McDowell, Ruth, (N-3).
Emporia.

McElfresh, William, (1).
Emporia.

McElvain, Arthur, (1).
Emporia.

McElvain, Blanche, (N-3).
Fort Scott.

McElvain, Esther, (C-1).
Fort Scott.

McGinnis, Myrta Ethel, (N-4, 4).
Emporia.

McGuffey, Verne, (C-3).
Kincaid.

McIlvain, Paul, (N-1).
Hartford.

McIntosh, Benj. H., (N-3, 4).
Lost Springs.

McIntosh, Joseph L., (N-2, 4).
Lost Springs.

McIntosh, Louisa, (N-3).
Lost Springs.

McKain, Laura, (N-1).
Emporia.

McKanna, Myrtle, (N-1).
Emporia.

McKean, Ethel, (C-1).
Lyndon.

McKee, Daisy, (N-4).
Horton.

McKee, Ora, (3).
Westmoreland.

McLaren, Charles, (N-3).
Emporia.

McLeland, Claude A., (C-1, 4).
Chanute.

McLeland, Ethel L., (N-3).
Chanute.

McLelland, Howard, (1).
Emporia.

McMorris, Lillie, (N-2).
Strong City.

McNally, John, (N-3).
Hiattville.

McNally, M. V., (N-1).
Hiattville.

McNamara, Anna, (N-3, 4).
Kansas City.

McNamee, Grace, (N-1).
Nickerson.

McNeeley, Omer, (N-1).
Emporia.

McNeish, John, (N-1).
Scranton.

McNutt, Mrs. Carrie, (4).
Wichita.

McNutt, Florence, (3, 4).
Wichita.

McNutt, William, (2).
Wichita.

McReynolds, Esta, (N-3).
Bloomington.

Macurdy, Harold, (1).
Emporia.

Macurdy, Vincent, (N-1).
Emporia.

Macurdy, Warren, (N-1, 4).
Emporia.

Maguire, Ellen, (N-1, 4).
Emporia.

Mahin, Charles A., (C-1).
Cheney.

Mahon, Mamie, (N-3).
Clyde.

Mahuron, N. B., (N-4).
Iola.

Mallicoat, Glenna Opal, (N-4).
Eureka.

Manchester, Edith, (N-1).
Yates Center.

Manly, Vera E., (N-3).
Diamond Springs.

Mann, Harriett, (N-3).
Kansas City.

Mansfield, Frank B., (N-3).
Garnett.

Marks, F. C., (C-1).
Spring Hill.

Marks, Fern, (2).
Emporia.

Marley, Robert, (C-1).
Emporia.

Marsh, Annie, (N-3).
Paola.

Marsh, Jessie, (N-3).
Paola.

Marsh, Louna, (4).
Emporia.

Marsh, Mrs. Laura, (4).
Emporia.

Marshall, Daisy, (N-4).
Wellington.

Marshall, Guy S., (N-4).
Erie.

Marshall, Sylvia, (N-4, 4).
Walton.

Martin, Delilah, (N-1).
Medicine Lodge.

Martin, Harold, (1).
Emporia.

Martin, Harry, (N-3).
Emporia.

Martin, Hazel, (1).
Emporia.

UNDERGRADUATES.

Martin, Margaret, (N-1).
Medicine Lodge.

Martin, Zoah, (1).
Emporia.

Martindale, John Jack, (1).
Emporia.

Marvin, Eva, (2).
Emporia.

Marvin, Lynn H., (N-3).
Emporia.

Mathew, Mae, (N-1).
Earleton.

Mathews, Bertha, (C-1).
Chanute.

Mathews, C. M., (N-4).
Kansas City.

Mauck, Floyd, (N-4).
Emporia.

Mauck, Gladys, (N-1).
Emporia.

Maure, Ruth E., (N-2).
Reserve.

Mawe, William, (N-1).
Emporia.

Maxwell, Helen, (4).
Emporia.

Mayes, J. F., (C-1).
Emporia.

Meairs, Clifford, (N-3).
Dodge City.

Meairs, Frances M., (C-1, 4).
Dodge City.

Mealey, Ethel, (C-1).
Emporia.

Meier, Eslea, (N-1).
Abilene.

Meier, Lillie, (N-1).
Council Grove.

Merrill, Emma, (N-1).
Le Roy.

Merrill, Geo. W., (N-3).
Le Roy.

Merrill, Maude, (N-3).
Le Roy.

Merrill, Nellie, (N-3).
Le Roy.

Merry, Gertrude, (N-1).
Winfield.

Messenheimer, Alberta, (N-1).
Lawrence.

Metzger, Cliffie, (N-3).
Lawrence.

Metzler, L. F., (C-3).
Burlington.

Metzler, L. M., (C-3).
Burlington.

Meyer, Edith E., (4).
Riley.

Meyer, Fred W., (C-2).
Linn.

Meyer, Mamie, (N-1).
Linn.

Meyer, Nellie A., (4).
Anthony.

Meyer, Ollie, (N-3).
Linn.

Meyer, Walter J., (N-3).
Linn.

Michaels, Hollis, (N-4).
De Beque, *Colo.*

Mickey, John R., (N-1).
Wichita.

Midcap, C. S., (N-1).
Shaw.

Middleton, Nannie Augusta, (3).
Caney.

Millard, Floyd Dale, (N-3).
Eminence.

Millard, Madge, (N-3).
Garden City.

Miller, Albert R., (N-3).
Bonner Springs.

Miller, Anna J., (N-3).
Gardner.

Miller, Anna O., (C-1).
Hope.

Miller, Arthur A., (C-1).
Yates Center.

Miller, Clara, (N-1).
New Ulysses.

Miller, Daisy D., (N-1).
New Ulysses.

Miller, Eliza, (N-3).
Vining.

Miller, Florence G., (N-4, 4).
Thayer.

Miller, Justin I., (4).
Emporia.

Miller, Maude K., (N-3).
Emporia.

Miller, Maude M., (N-4).
Iuka.

Miller, Myrtle Elaine, (N-1).
Council Grove.

Miller, Ralph, (N-1).
Thayer.

Miller, Robert D., (N-3).
Rantoul.

Miller, Ross L., (N-4).
Cimarron.

Miller, Viola May, (N-3).
Vining.

Miller, Willard B., (N-1).
Thayer.

Mills, Della, (N-2).
Portis.

Mills, Edith, (1).
Emporia.

Miner, Van E., (C-1).
Burlingame.

UNDERGRADUATES.

Minich, Grace, (N-3).
Gridley.

Mitchell, Mabel E., (N-4).
Peabody.

Mitchell, Mary, (N-2).
Republic.

Mitchell, Maude Ethel, (N-3).
Aliceville.

Mitchell, Minnie, (N-1).
Westphalia.

Mitchell, Pansy, (N-3).
Valencia.

Mitchell, Sue, (N-3).
Lowemont.

Mize, Edward Moore, (2).
Emporia.

Mize, Ethel, (N-4).
Osborne.

Mize, Paul, (N-3).
Emporia.

Moberly, Daisy F., (N-1).
Paola.

Moberly, R. Etna, (N-3, 4).
Paola.

Moeller, Martha, (1).
Emporia.

Moeller, Vera, (1).
Emporia.

Molgard, Clara, (N-4).
Abilene.

Monnet, Verna, (N-3).
Conway Springs.

Montgomery, Alice, (N-4).
Wilsey.

Montgomery, Will H., (N-3).
Emporia.

Moody, Olive G., (C-1).
Topeka.

Moody, Sylvia B., (C-1).
Topeka.

Moody, Zoe Elizabeth, (C-1).
Topeka.

Moore, Blanche, (N-1).
Gridley.

Moore, Ida O., (C-1).
Colby.

Moore, Laura, (N-2).
Muscotah.

Moore, Lois, (N-1).
Auburn.

Moore, Maurice, (1).
Emporia.

Moore, Verna (N-3).
Auburn.

Moore, Webster Carroll, (C-1).
Thayer.

Morgan, Anna May, (C-1).
Hiawatha.

Morgan, David A., (N-3).
St. John.

Morgan, Evan, (1).
Emporia.

Morgan, Harry, (N-1).
Emporia.

Morgan, Iva B., (C-2, 4).
Sylvan Grove.

Morgan, Jean, (N-1).
Emporia.

Morgan, Leslie, (C-1).
Potwin.

Morgan, Percy F., (N-1).
Potwin.

Morgan, Sara, (N-4).
Emporia.

Morgan, Tracy, (1).
Emporia.

Morrett, Alice M., (C-2).
Alta Vista.

Morris, Amanda O., (N-3).
Osage City.

Morris, Eva, (N-1).
Moline.

Morrison, Roy L., (N-4, 4).
Emporia.

Morrow, Effie May, (C-1).
Blue Rapids.

Morse, Lena, (N-1).
Emporia.

Mortimer, Lillian, (N-3).
Delphos.

Mortimer, Lizzie, (N-2).
Delphos.

Moss, Lottie E., (C-1).
Kansas City.

Mounkes, Ella, (N-1).
Americus.

Mounkes, Robert, (N-1).
Americus.

Moyer, Bertha Mary, (N-3).
Carbondale.

Mullarky, Ethelyn, (N-3).
Concordia.

Mullen, Ruby, (N-3).
Webster.

Mulvaney, Roy, (C-1).
Neodesha.

Murphy, Andrew, (N-2).
Latham.

Murphy, Curtis, (N-1).
Irving.

Murphy, Dorothy, (N-4).
Caldwell.

Myers, Clyde, (N-4).
Lebanon.

Myers, Emmett A., (1).
Emporia.

Myers, Oliver H., (N-1).
Emporia.

Myrick, John C., (C-1).
Soldier.

UNDERGRADUATES.

Naanes, Edward, (N-3).
Erie.

Naanes, Geo. W., (N-1).
Erie.

Narey, Lucy I., (N-1).
Holyrood.

Nason, Elsie, (N-3).
Blue Rapids.

Neal, Paul S., (C-1).
Lawrence.

Neely, Clyde Morris, (2).
Emporia.

Neely, Mary I., (N-3).
Wetmore.

Neil, Frances Elizabeth, (N-4).
Solomon.

Nelsch, Minnie, (N-3).
Boycourt.

Nelson, Effie M., (N-3).
Vesper.

Nelson, Gladys, (C-1).
Caney.

Nelson, Hattie, (4).
Vesper.

Nelson, Lottie, (N-3).
Vesper.

Nelson, Louise M., (N-1).
Allen.

Nelson, Martin, (C-1).
Tully.

Nettroner, R. A., (N-1).
Lost Springs.

Neumann, Wm., (N-3).
Washington.

Neville, Norville, (N-1).
Edna.

Newbrey, Lillie, (C-1, 4).
Emporia.

Neuschwanger, Elmer, (C-3).
Osborne.

Newman, Albert Taylor, (1).
Emporia.

Newton, Frank R., (5).
Emporia.

Neylon, Claribel, (N-4).
Paola.

Nicolay, Amy, (C-1).
Scranton.

Niece, Mollie, (N-2, 4).
Wathena.

Noecker, Hazel, (N-4).
Barnes.

Nogle, Raymond, (1).
Emporia.

Noonan, Anna E., (N-1).
Lebo.

Norlin, Nellie, (N-3).
McCracken.

Norman, Arvilla Cora, (4).
Emporia.

Norman, Maude, (N-1).
Piedmont.

Norris, Ione, (5, 4).
Denver, *Colo.*

Northington, Ethel, (4).
Emporia.

Northington, Hazel, (4).
Emporia.

Numbers, Dwight M., (N-4).
Paola.

Nutting, Ada, (C-1).
Russell.

Nuzum, I. E., (N-3).
Devon.

Nybroe, Fay, (4).
Aliceville.

Nystrom, Anna M., (N-3).
Dover.

Oakes, Martha, (C-1).
Peru.

Oakes, Nelson, (C-1).
Peru.

Oakley, Lillian, (N-3).
Parker.

Oberst, Mattie S., (N-4).
Conway.

O'Brien, John, (N-4).
St. Paul.

O'Brien, Nora, (C-2).
Wellington.

O'Connell, Julia, (N-3).
Home.

O'Conner, Arch, (N-1).
Leeds.

O'Connor, Ethel, (N-3).
Emporia.

O'Connor, Tessie, (N-1).
Emporia.

Officer, Ethel Lenora, (C-1).
Emporia.

Officer, Leona, (N-4).
Emporia.

Officer, Ruth, (C-1).
Emporia.

Ogden, Carl, (2).
Latham.

Ogden, Marie A., (N-1).
Latham.

Old, Chester R., (N-3).
Haskell.

Oliver, Chester O., (C-1).
Elk City.

Olsten, Agnes Horace, (N-3).
Emporia.

Olston, Etta Amelia, (C-1, 4).
Axtell.

O'Neil, Alice, (N-3).
Williamsburg.

Opie, Frank, (N-4).
De Soto.

UNDERGRADUATES.

Orwig, Beatrice, (N-4, 4).
Independence.

Osborn, Frances, (N-3).
Harris.

Osborn, Susie, (N-2).
Harris.

Osborne, Cecile, (N-4, 4).
Medicine Lodge.

Osborne, Mrs. Elizabeth, (3).
St. John.

Osborne, Gilmore Eldridge, (2).
Emporia.

Ostlund, Emma, (C-3).
Clay Center.

Ott, Walter, (N-3, 4).
Greenleaf.

Owens, Catherine, (N-3).
Emporia.

Owens, Gertrude, (N-4).
Topeka.

Owens, Harry, (1).
Emporia.

Owens, Hugh, (N-3).
Chanute.

Park, Elvin, (N-3).
Clements.

Parke, Dorothy, (1).
Emporia.

Parke, Marian F., (N-3).
Emporia.

Parker, Ada, (4).
Emporia.

Parker, Hattie, (N-1).
Emporia.

Parker, Willis A., (C-3).
Emporia.

Parkhurst, Caroline, (C-1).
Kinsley.

Parkhurst, Maude, (N-4).
Kinsley.

Parkhurst, Shirley, (N-2).
Kinsley.

Parks, Lloyd H., (N-2).
Pretty Prairie.

Parmley, E. C., (N-1).
Hutchinson.

Parmley, Leslie, (N-1).
Hutchinson.

Parrington, Mary Louise, (4).
Emporia.

Parrish, Benjamine, (1).
Emporia.

Parrish, Loris, 4).
Dunlap.

Parrish, Velma, (N-1).
Emporia.

Patrick, Grace, (N-3).
Agricola.

Patrick, Herman, (N-3).
Severy.

Patterson, Jennie, (N-3).
Louisburg.

Patterson, Margery, (1).
Emporia.

Patterson, Mary, (N-3).
Wamego.

Paxton, Mildred, (N-1).
Emporia.

Paxton, Robert Russell, (2).
Emporia.

Payne, Dorothy, (4).
Emporia.

Payne, Elizabeth, (N-3).
Florence.

Payne, Lulu, (N-1).
Howard.

Payne, Orpha Izora, (N-3).
Parker.

Payne, Ralph, (N-1).
Parker.

Payne, Ruth E., (C-3).
Emporia.

Peairs, Helen C., (N-3, 4).
Anness.

Peak, Earl, (2).
Emporia.

Peak, Daisy, (N-4).
Paola.

Pearson, Josephine, (N-4).
Emporia.

Peek, Hugh E., (N-3).
Seneca.

Peek, Mildred, (C-1).
Seneca.

Peese, Fred, (2).
Emporia.

Pegram, Malinda, (N-3).
Virgil.

Pelzell, Pansy, (C-1).
Harper.

Pemberton, Murdock, (N-4).
Emporia.

Pence, Mabel, (N-3).
Baldwin.

Pence, Pearl, (N-1).
Baldwin.

Perkins, Edgar, (1).
Emporia.

Perkins, Lizzie, (N-4).
Independence.

Perkins, Lucile, (4).
Emporia.

Perkins, Viola, (1).
Emporia.

Perkins, Vivian, (N-3).
Emporia.

Perry, Bird, (C-1, 4).
Caldwell.

Perry, Pauline, (N-4).
Neodesha.

UNDERGRADUATES.

Peterman, Leona B., (C-1).
Berryton.
Peters, Edwin S., (N-4).
Emporia.
Peters, Helen, (1).
Emporia.
Peters. Jas. C., (N-4, 4).
Utica.
Peters, Margaret, (1).
Emporia.
Peters, Roy S., (C-1).
Emporia.
Peterson, Daniel, (N-4).
Atlanta.
Peterson, Henry, (N-4).
Scandia.
Peterson, Mabel, (N-1).
Burdick.
Peterson, Oveda, (N-3).
Eureka.
Pfaff, Margaret, (C-1).
Hazelton.
Pfaff, Winnifred, (N-4).
Hazelton.
Phelps, Mattie, (N-1).
Olathe.
Phenecie, Harriett, (C-1).
Reno.
Phillips, Dotte, (N-3).
Gridley.
Phillips, Frank L., (5).
Kansas City.
Phillips, Lottie, (C-3).
Phillipsburg.
Pickett, Grace, (N-3).
Rose Hill.
Piper, Nettie, (1).
Emporia.
Plummer, John, (1).
Emporia.
Plummer, Robert F., (1).
Emporia.
Poe, Lulu B., (N-4).
Centerville.
Pohle, Mary, (N-3, 4).
Wilson.
Poindexter, Mrs. Luella G., (N-2).
Abilene.
Poland, Arthur, (1).
Emporia.
Poland, Ruth, (1).
Emporia.
Pomeroy, Wilbur J., (C-2).
Emporia.
Porter, Alma, (N-3).
Okmulgee, *Okla.*
Porter, Anna, (5).
Emporia.
Porter, Belle, (C-1).
Mayetta.
Porter, Etta M., (5).
Solomon.
Porter, Mary, (3, 4).
Grover, *Colo.*
Porter, Ruth M., (N-2).
Okmulgee, *Okla.*
Pospisil, Charles W., (N-2).
Marion.
Postma, R. A., (C-1).
Richland.
Poston, Mary, (N-4).
Emporia.
Powell, Myrtle, (N-3).
Leavenworth.
Powers, Anna, (N-3).
Emporia.
Powers, J. H., (C-1).
Emporia.
Pratt, Arthur, (N-1).
Emporia.
Pratt, Ben A., (C-3).
Emporia.
Pratt, Ella E., (N-3).
Emporia.
Pratt, Linnie, (N-1, 4).
Emporia.
Pratt, McKinley, (N-1).
Emporia.
Pratt, S. E., (5).
Emporia.
Price, E. M., (C-1).
Syracuse.
Price, Myrtle Mae, (N-1).
Reading.
Priest, Howard, (5).
Emporia.
Pringle, Margaret, (N-1).
Rose.
Prior, Margaret M., (N-3).
St. Marys.
Pughe, Margaret, (N-1).
Emporia.
Purkapile, Laura May, (N-3).
Neodesha.
Pyle, Anna Louise, (C-1).
Americus.
Pyle, Edna, (4).
Emporia.
Quiring, P. F., (N-4).
Goessel.
Quisenberry, Ora, (4).
Emporia.
Rahe, Anna W., (N-3).
Winkler.
Rahe, Frank A., (N-3).
Winkler.
Ralston, Verl, (N-1).
Emporia.
Ralston, Ward, (N-1).
Emporia.

UNDERGRADUATES.

Ramey, Lenora, (N-4).
Emporia.

Ramey, Lucy F., (N-2).
Garnett.

Ramsey, Bertha, (N-3).
Windom.

Ramsey, Harry H., (N-1).
Parkerville.

Ramsey, John D., (N-1).
Osage City.

Randall, H. E., (N-3).
Offerle.

Randall, Mae Alice, (N-3).
Garnett.

Randle, Gertrude, (N-3).
Riley.

Randle, Josephine, (N-3).
Riley.

Randolph, Anna, (1).
Emporia.

Randolph, Edward, (1).
Emporia.

Randolph, Florence, (1).
Emporia.

Randolph, John, (1).
Emporia.

Rankin, Beatrice, (1).
Emporia.

Rankin, J. O., (N-3).
Emporia.

Rankin, Rosemary, (C-2).
Culver.

Ray, Dora, (N-2).
Atlanta.

Ray, Lillian, (N-3).
Atlanta.

Ray, Orlye, (N-1).
Atlanta.

Ray, Zella, (N-1, 4).
Atlanta.

Rea, Laura Rachel, (C-2).
Miltonvale.

Reams, Fern, (N-1).
Elk City.

Reardon, Mae, (C-1).
Tonganoxie.

Rector, Clara M., (N-4).
Neosho Rapids.

Rector, Edna, (N-1).
Neosho Rapids.

Rector, Eva G., (C-1).
Neosho Rapids.

Reed, Philadelphia, (N-3).
Topeka.

Rees, Edward, (N-2).
Emporia.

Rees, E. Conard, (N-4).
Hutchinson.

Rees, Irma, (N-1).
Emporia.

Rees, Olive, (N-3).
Emporia.

Reese, Beulah, (N-2).
Troy.

Reeves, Lycurgus Solon, (N-4).
Emporia.

Reeves, Theron, (N-1).
Emporia.

Reinfeld, Edna M., (N-1).
Westphalia.

Reinfeld, Orville, (N-1).
Westphalia.

Remer, Audrey, (N-1).
Viola.

Rennolds, C. E., (C-1).
Olivet.

Repstine, Lillie, (N-1).
Oskaloosa.

Reser, Antoinette, (C-1).
Manhattan.

Reyburn, Phillip, (1).
Emporia.

Reynolds, Ernest, (N-3).
Emporia.

Reynolds, Z. T., (N-3).
Madison.

Rhea, Addie E., (N-1).
Piedmont.

Rhea, Cleora, (4).
Piedmont.

Richards, Beatrice Mary, (N-3).
Emporia.

Richards, Ernest A., (N-3).
Emporia.

Richards, Ethel, (N-3).
Centerville.

Richardson, Effie Lucy, (N-3).
Moline.

Richardson, Roy Franklin, (C-3).
Emporia.

Ritchie, Eva, (2).
Emporia.

Ritchie, Morris, (1).
Emporia.

Richman, Mildred, (N-1).
Earleton.

Richman, Willie, (N-1).
Earleton.

Rieg, Marcy, (N-4).
Newton.

Rife, Mildred, (C-1).
Anthony.

Riggs, Harold, (2).
Emporia.

Riggs, Janet, (C-1).
Waterloo.

Riggs, Nina, (N-4).
Waterloo.

Riisoe, John, jr., (N-1, 4).
Kinsley.

UNDERGRADUATES.

Riisoe, Minnie, (N-1, 4).
Kinsley.

Riley, Louise B., (5).
Emporia.

Riley, M. Agnes, (N-3).
Holton.

Riley, Maude E., (N-3).
Emporia.

Rishel, Beth, (1).
Emporia.

Rishel, Clarinda, (N-4).
Emporia.

Rishel, Warren, (N-3).
Emporia.

Roach, Stella, (N-3, 4).
Cedar Vale.

Robb, Carrie, (C-1).
Osborne.

Robb, Edgar M., (C-1).
Osborne.

Robbins, Esther, (N-4, 4).
Emporia.

Roberts, Allen, (N-1).
Emporia.

Roberts, Bessie M., (C-1).
Emporia.

Roberts, Blanche, (N-1).
Howard.

Roberts, Edith, (C-1).
Emporia.

Roberts, Elizabeth, (C-1).
Lebo.

Roberts, Florence, (1).
Emporia.

Roberts, Lela, (1).
Emporia.

Roberts, Richard T., (1).
Emporia.

Robertson, Maude May, (C-3).
Emporia.

Robertson, Millie Lowdan, (N-3).
Emporia.

Robertson, R. W., (N-4).
Emporia.

Robinson, Gertrude, (N-1).
Emporia.

Robinson, May, (N-3, 4).
Morland.

Robinson, Rhoda Katherine, (N-1).
Agricola.

Robinson, Turley, (2).
Emporia.

Robison, Arthur B., (N-4).
Council Grove.

Rochford, Jennie Marie, (N-2).
Emporia.

Rock, Anthony, (N-1).
Harris.

Rockhill, Orville, (2).
Emporia.

Rogers, Aaron, (N-1).
Sharon.

Rogers, Alice, (N-1, 4).
Emporia.

Rose, Glen, (N-1).
Virgil.

Rose, Pearl, (N-4).
Muskogee, *Okla.*

Rosecrantz, Grace, (4).
Emporia.

Ross, Carrie, (N-4).
Cedar Vale.

Ross, Edna, (C-1).
Burr Oak.

Ross, Frances, (N-4).
Delphos.

Ross, Hattie Lucile, (1, 4).
Emporia.

Ross, S. J., (N-3).
Hamilton.

Rothfelder, Nathalie, (N-4).
Axtell.

Rowan, Clyde C., (N-3).
Buffalo.

Roy, Edith Mildred, (5).
Sterling.

Ruggles, D. M., (N-1).
Stafford.

Rundus, Amos J., (N-1).
Munden.

Rundus, Benj. A., (N-1.)
Munden.

Rundus, Caroline F., (C-1).
Munden.

Rundus, Emma, (N-3).
Munden.

Rupp, Maud, (4).
Moundridge.

Ruttinger, Cora, (4).
Emporia.

Ryan, Eugenia, (4).
Emporia.

Ryman, Ramona, (N-1).
Americus.

Ryno, Chester A., (N-3).
Canton.

Sage, Lillie, (N-3).
Richland.

Sallie, Dorothy, (2).
Emporia.

Sallee, J. W., (C-1).
Ottawa.

Salser, Carl Walker, (C-3).
Emporia.

Samson, Paul, (2).
Emporia.

Saunder, Frantz, (1).
Emporia.

Savage, Maude, (N-3).
Durham.

UNDERGRADUATES.

Sawyer, Helen. (N-3).
Cedar Vale.

Sayre, John, (1).
Emporia.

Sayre, Mark, (1).
Emporia.

Schaffner, Daniel F., (2).
Emporia.

Scheel, Hazel, (N-1).
Emporia.

Scherer, Nellie, (C-3).
Chapman.

Schmitt, Annie, (N-2).
Marysville.

Schulthess, Lena, (C-1).
Horton.

Schultz, Nellie, (N-3).
Kenneth.

Sconce, Nellie E., (C-1).
Quenemo.

Scott, Agnes M., (C-1).
Westmoreland.

Scott, Alma V., (C-1).
Stockton.

Scott, Helen, (C-1).
Herington.

Scott, Helen Shirley, (N-1).
Emporia.

Scott, Ira O., (N-2).
Galesburg.

Scott, Mabel, (N-4).
Fort Scott.

Scott, N. L., (N-3).
Mahaska.

Seacat, Gracia, (N-3).
Ashland.

Seaman, Howard, (N-4).
Axtell.

Sears, Margaret, (1).
Emporia.

Sechrest, Edna Gertrude, (N-3).
Williamstown.

Sellers, Mamie, (N-3, 4).
Grenola.

Sellers, Zelma, (N-3, 4).
Grenola.

Settle, Clayton, (C-3).
Basil.

Settles, Ethel, (N-1).
Healey.

Sexton, Lucile, (C-1).
Fall River.

Shafer, Harry D., (N-1, 4).
Smith Center.

Shafer, Lillie, (N-3, 4).
Smith Center.

Shafer, Mrs. Roy, (5).
Emporia.

Shambaugh, Leota, (4).
Gridley.

Shamel, Harold H., (N-3).
Newton.

Sharpe, Jessie, (C-1).
Council Grove.

Sharpe, Sadie, (N-1).
Kickapoo.

Sharpe, Winnie, (N-1).
Virgil.

Sharpe, Zella, (5).
Axtell.

Shaver, Leah, (N-1).
Hutchinson.

Shaver, Ola, (4).
Hutchinson.

Shaw, Elmer, (1).
Emporia.

Shaw, Harold M., (N-3).
Grenola.

Shaw, Wayne F., (C-1).
Grenola.

Shay, Ethel, (5).
Emporia.

Shearer, Lawrence M., (C-3).
Olpe.

Sheldon, Verna, (1).
Emporia.

Shelstad, Sylvia, (4).
Sycamore.

Sheridan, George, (N-3).
Emporia.

Shields, A. L. W., (N-2).
Haynes.

Shields, Roger, (N-1).
Leavenworth.

Shippy, Ada, (C-1).
Chapman.

Shippy, Harvey, (C-2).
Chapman.

Shirley, Edith, (N-1).
Olivet.

Short, Wendell Reed, (1).
Emporia.

Shorten, Clarence, (N-1).
Fort Scott.

Shoun, Ella, (1).
Emporia.

Shuey, Ada, (4).
Emporia.

Shuey, Ralph, (1).
Emporia.

Shuey, Ray L., (C-1).
Emporia.

Shupe, Clelia M., (N-2).
Ashland.

Shupe, Erma, (N-1).
Ashland.

Shyne, Nellie, (N-3).
Frankfort.

Siebert, Emma, (N-4).
Marion.

UNDERGRADUATES.

Siegele, Otto, (N-1).
Emporia.

Simlan, Crawford, (C-1).
Topeka.

Simmons, Fred, (N-1).
Waverly.

Simon, Clarence, (N-1).
Greenleaf.

Simpson, Paul, (1).
Emporia.

Sinclair, Crawford, (C-1).
Topeka.

Skaggs, Joseph E., (C-1).
Leavenworth.

Skinner, Alta W., (N-4).
Harper.

Skinner, Carl H., (C-1).
Burden.

Skinner, Lucile, (C-1).
Harper.

Slaughter, Ethel, (5).
Kirksville, *Mo.*

Sloan, James C., (C-1).
Eskridge.

Sloyer, Elsie V., (N-1).
Emporia.

Sloyer, George, (N-1).
Emporia.

Small, Maud, (N-3).
Howard.

Smelser, Verla, (1).
Emporia.

Smiley, Pearl, (N-4).
Silver Lake.

Smiley, Verna, (N-4).
Silver Lake.

Smerchek, Elizabeth, (N-1).
Irving.

Smith, Ada, (N-1).
Monrovia.

Smith, Anna O., (N-4).
Marysville.

Smith, Cora Witman, (N-4).
Parsons.

Smith, Hart, (N-3).
Latham.

Smith, Hazel, (N-4).
Emporia.

Smith, Ina N., (N-1).
Kincaid.

Smith, J. W., (C-1).
Fairview.

Smith, Lizzie, (N-2).
Summerfield.

Smith, Lola I., (N-1).
La Harpe.

Smith, Maggie, (N-3).
Peru.

Smith, Marjorie, (2, 4).
Emporia.

Smith, Ralph H., (N-4).
Kincaid.

Smith, Veda Lloyd, (N-2).
Marysville.

Smith, Verna, (N-2).
Frankfort.

Smith, W. V., (N-1).
Larned.

Snedecker, Mollie L., (N-3).
Emporia.

Snider, Mosse, (3).
Mound City.

Snodgrass, Leota, (N-1, 4).
Council Grove.

Snyder, Elma, (C-1, 4).
Iola.

Snyder, Harold, (1).
Emporia.

Snyder, Georgia, (C-1).
Abilene.

Snyder, Lucy, (N-3).
Emporia.

Snyder, Lydia J., (C-1).
Chanute.

Solt, Lowell, (N-1).
Barnes.

Sonnedecker, Arthur, (1).
Emporia.

Soper, Laura. (5).
Memphis, *Tex.*

Speckmann, Phoebe R., (N-1).
Emporia.

Speer, Chas. A., (C-1).
Howard.

Spencer, Barclay A., (N-1).
Emporia.

Spencer, C. W., (N-4).
Emporia.

Spencer, Edward D., (N-2).
Emporia.

Spencer, Ethel, (1).
Emporia.

Spencer, Eva, (1).
Emporia.

Spencer, Harlin, (1).
Emporia.

Spencer, Mrs. Nannie, (N-3).
Emporia.

Spielman, Glen, (2).
Emporia.

Spotts, Hazel, (N-1).
Elmont.

Sprague, Elizabeth, (1).
Emporia.

Springer, Cora, (N-3).
Medicine Lodge.

Stafford, Bonzetta, (N-1).
Emporia.

Stahl, Erma, (N-3).
Spring Hill.

UNDERGRADUATES.

Stahl, Josephine, (1).
Emporia.

Stahl, Mary, (C-1).
Spring Hill.

Stanton, Elizabeth, (4).
Emporia.

Starbeck, Catherine, (C-3).
Emporia.

Starbeck, Harry, (N-1).
Emporia.

Starit, Warren, (N-1).
Garnett.

Stark, Ina B., (N-1).
Emporia.

Stark, Marion, (N-1).
Elk City.

Stark, W. O., (N-3).
Elk City.

Starkey, L. O., (N-1).
Douglass.

Starry, Ivil, (N-3).
Louisburg.

Stauffer, R. B., (5).
Emporia.

Steckel, M. Lena, (N-3).
Woodbine.

Steckel, Minnie, (N-4).
Woodbine.

Steel, Robt., (4).
Hiattville.

Stein, Carrie, (N-2).
Miltonvale.

Stephens, Faye, (N-1).
Walnut.

Stephenson, Dora, (N-3).
Hazelton.

Stephenson, Edith, (N-1).
Emporia.

Stephenson, H. H., (N-3).
Fredonia.

Stephenson, Lucy, (N-4).
Emporia.

Stephenson, Susie, (N-1).
Hazelton.

Stevens, Edwin, (N-1).
Garnett.

Stevens, Maude Frances, (N-4).
Eureka.

Stevenson, Edward J., (N-4).
Lost Springs.

Stevenson, Mrs. G. E., (N-3.)
Collinsville, *Okla.*

Stevenson, George E., (C-1).
Collinsville, *Okla.*

Stevenson, Roscoe, (1).
Collinsville, *Okla.*

Stevenson, Russell, (1).
Collinsville, *Okla.*

Stewart, Bessie, (N-1).
Lake City.

Stewart, Harvey, (1).
Emporia.

Stewart, Kate M., (N-4).
Anthony.

Stewart, Leslie, (2).
Emporia.

Stewart, Maud, (N-3).
Drexel, *Mo.*

Stewart, Roberta B., (N-2).
Bellefontaine, *Ohio.*

Stickel, Florence O., (C-1, 4).
Toledo, *Iowa.*

Steinmeyer, Florence, (N-3, 4
Leavenworth.

Stillman, Lora Mae, (N-4).
Council Grove.

Stilwell, Helen, (C-1).
Eureka.

Stine, Ella, (N-3).
Syracuse.

Stollar, Mable, (5).
Pomona.

Stone, Grace, (4).
Emporia.

Stone, Mabel M., (5).
Emporia.

Stone, Neva B., (N-4).
Barnes.

Stout, Elsie, (N-1, 4).
Emporia.

Stout, Estella V., (N-4).
McLouth.

Stout, Nellie, (1).
Emporia.

Stowell, Bessie, (N-2).
Hutchinson.

Stowell, Mabel, (2).
Hutchinson.

Stradal, Carrie, (C-1).
Collyer.

Strawman, Mabel M., (N-4).
Downs.

Strode, Leona, (C-1).
Iola.

Strode, Verna, (C-1).
Iola.

Strong, Cora, (N-1).
Overbrook.

Strube, Agnes, (2).
Emporia.

Strube, Ernest, (1).
Emporia.

Strube, Eunice, (2).
Emporia.

Strube, Paul, (1).
Emporia.

Stubbs, Thelma, (1).
Emporia.

Stuart, Leslie, (2).
Emporia.

UNDERGRADUATES.

Suddock, Geo. Gordon, (N-2).
Emporia.

Summerville, Edith M., (N-2).
Wilsey.

Sunter, Ethel, (N-3).
Wilsey.

Swan, Mary C., (4).
Emporia.

Swartz, Audra, (N-1).
Dwight.

Swen, Etha, (N-4).
Corydon, *Iowa.*

Swenson, Carrie, (N-3).
Osage City.

Swenson, Martin A., (C-1).
Little River.

Taft, Leona, (5).
Emporia.

Talbott, Grace, (N-3).
Topeka.

Talley, Fred, (N-1).
Hudson.

Tang, Harry K. T., (N-3).
Emporia.

Tang, Wing, (1).
Emporia.

Tarr, Carl V., (N-4).
Paola.

Tate, Charlotte F., (C-1).
Emporia.

Taylor, Earl, (1).
Emporia.

Taylor, H. M., (N-3).
Guard.

Taylor, Jane, (N-3).
Emporia.

Taylor, Lee J., (C-1).
Havana.

Taylor, Margaret, (N-4).
Emporia.

Tefft, Bertha, (N-1).
Kutch, *Colo.*

Tefft, Margaret, (C-1).
Garnett.

Thomas, Elizabeth, (N-1).
Emporia.

Thomas, Frances, (N-1).
Emporia.

Thomas, Jos. D., (N-3).
Emporia.

Thomas, Laura, (N-4).
Oketo.

Thomas, Maude Ellen, (N-2).
Fort Smith, *Ark.*

Thomas, Olive, (N-2).
Peru.

Thomas, Ruth, (N-1).
Narka.

Thomas, Willie, (N-1).
Narka.

Thompson, C. C., (N-4).
Moran.

Thompson, Elsie, (N-4).
Paola.

Thompson, Etna, (N-3).
Lakeland.

Thompson, Florence, (2).
Emporia.

Thompson, Myrtle, (N-3).
Grenola.

Thompson, Nellie, (N-3).
Grenola.

Thompson, Nellie, (N-1, 4).
Lakeland.

Thon, Alvin R., (N-4).
Dighton.

Throcmorton, Alice, (C-1).
Burlington.

Tilford, Claude E., (C-3).
Emporia.

Tilford, Roscoe C., (4).
Emporia.

Tilley, L. Mabel, (N-2).
Courtland.

Timken, Mabel, (N-1, 4).
Bison.

Timmons, M. Maye, (N-1).
Onaga.

Todd, Bessie, (N-3, 4).
Vernon.

Tolin, C. M., (N-3).
Soldier.

Tomlin, Ethel, (N-2, 4).
Conway Springs.

Tomlinson, Jno. R., (N-3).
Grenola.

Tomlinson, Rose, (N-1).
Bonner Springs.

Trahern, Maybel, (N-1).
Taw.

Trapet, Adelaide, (1).
Emporia.

Trapet, Antonia, (N-1).
Emporia.

Travelute, Elma, (N-2).
Marysville.

Travis, Ella F., (C-1).
Iola.

Traxler, Arthur, (1).
Emporia.

Traxler, E. C., (N-3).
Emporia.

Treadway, Arthur, (1).
Emporia.

Treadway, Erma, (N-1).
Emporia.

Treadway, Florence, (C-1).
Emporia.

Tressler, Samuel, (2).
Emporia.

UNDERGRADUATES.

Triplett, Dorothy, (1).
Emporia.

Troutman, Marie, (N-1, 4).
Comiskey.

Trusdale, J. W., (N-4).
Dunlap.

Trusler, Ivan, (N-3).
Emporia.

Trusler, Willard, (2).
Emporia.

Trusler, Willis, (2).
Emporia.

Tunney, Blanche, (1).
Emporia.

Tunney, Ethel, (1).
Emporia.

Turner, Clair K., (C-3).
Chanute.

Turner, Rosa E., (N-1).
Overbrook.

Tyler, Etta, (N-1).
Oskaloosa.

Ullom, Edna, (N-3).
Paola.

Unruh, Hulda, (N-1).
Larned.

Valyer, Lois M., (N-1).
Allen.

Van Leewen, Harry J., (N-1, 4).
Vesper.

Van Nice, Fred, (N-3).
Richland.

Van Nice, Pearl, (N-4).
Richland.

Van Noy, Katheryn, (3).
Tribune.

Van Schoyck, Adeline, (N-3, 4).
Scott.

Van Scoick, R. H., (N-3).
Marion.

Van Voris, Lucile, (1).
Emporia.

Van Voris, Rena, (1).
Emporia.

Vascalda, Maggie, (N-1).
Rossville.

Vaughn, Beulah, (2).
Emporia.

Vaughn, Howard, (N-1).
Emporia.

Veal, Grace, (N-2).
Peru.

Venters, Merle J., (4).
Pratt.

Vermillion, Lillie E., (C-1).
Emporia.

Vernon, Edith, (N-3).
Americus.

Vezie, Anna, (C-1, 4).
Carlyle.

Vezie, Olive, (C-1).
Carlyle.

Vickers, W. A., (N-3).
Pomona.

Vinson, Dewey, (1).
Emporia.

Voiers, Alice H., (C-1).
McCune.

Wade, Lola, (C-1).
Chanute.

Wagaman, Frank, (N-1).
Strawn.

Wagaman, Lorene, (N-1).
Hartford.

Wagner, Ella J., (C-1).
Ellsworth.

Wagner, Laura Edith, (N-4).
Ellsworth.

Wagner, Pearl, (N-4).
Gibsonburg, *Ohio.*

Wagner, Sylvia M., (N-4).
Morrill.

Wailes, Anna L., (1).
Narca.

Waldron, J. Harley, (N-3).
Louisburg.

Walker, Addie L., (4).
Hudson.

Walker, Christina, (N-3).
Moline.

Walker, E. A., (C-1).
Emporia.

Wallace, John W., (N-3, 4).
Waverly.

Wallace, Ray, (N-3).
Emporia.

Wallace, Rose, (1).
Emporia.

Walters, Fred C., (C-1).
Toronto.

Walton, Zella, (1, 4).
Emporia.

Walz, Laura, (N-1).
Winfield.

Ward, Edna, (N-1).
Emporia.

Ward, Lola Edna, (C-1).
Emporia.

Ward, Violet V., (N-4, 4).
Emporia.

Ward, Vannie, (N-1).
Emporia.

Warfield, Richard Hall, (2).
Emporia.

Warren, Alson, (1).
Emporia.

Warren, Clinton, (N-3, 4).
Emporia.

Warren, Frank, (1).
Emporia.

UNDERGRADUATES.

Warren, Fred, (1).
Emporia.

Warren, Harry, (N-3).
Hiattville.

Warren, Imogene, (1).
Emporia.

Warren, Marshall, (1).
Emporia.

Warren, Mary Emily, (1).
Emporia.

Warren, Mike, (N-1).
Hiattville.

Warren, Nellie L., (C-1).
Emporia.

Warren, William John, (C-3).
Emporia.

Warrender, Albert, (C-1).
Douglass.

Washington, Mary, (C-1).
Lawrence.

Watkins, Evangeline, (1, 4).
Emporia.

Watkins, Fallis, (1).
Emporia.

Watkins, Gwendolyn, (1, 4).
Emporia.

Watkins, Isabelle, (1).
Emporia.

Watkins, John, (2).
Emporia.

Waterford, Mayme A., (N-2).
Muskogee, *Okla.*

Watson, H. Frank, (N-4).
Grenola.

Watson, Harry A., (N-2).
Hillsdale.

Watson, Mrs. Lillie J., (4).
Emporia.

Watson, Minnie Lorena, (C-3).
Vermilion.

Watson, W. M., (N-3).
Bushton.

Watts, Myrtle, (N-1).
Burlington.

Waugh, Florence, (N-1).
Olivet.

Wayman, Pearl, (4).
Emporia.

Weaver, Leona, (1).
Emporia.

Weaver, Cora, (4).
Admire.

Weaver, Hilda, (5).
Emporia.

Weber, Charles, (N-1).
Waterville.

Weber, Ida, (N-4).
Abilene.

Weckel, Sadie M., (N-4, 4).
Abilene.

Wedell, Emilie, (C-1).
Hillsboro.

Wedell, Hugo, (N-4).
Hillsboro.

Wegley, Addie, (C-1).
Emporia.

Wegley, Inez Elizabeth, (C-1).
Emporia.

Wehe, Albert, (2).
Emporia.

Weil, Ella, (N-1).
Overbrook.

Weir, Grace F., (N-3).
McCracken.

Weir, O. J., (N-3).
McCracken.

Weir, Mrs. Kate, (5).
Emporia.

Weirick, Jessie, (N-1).
St. Marys.

Welch, Marian, (1).
Emporia.

Welch, Kenneth, (1).
Emporia.

Welch, Thomas E., (N-1).
Emporia.

Wells, Della, (4).
Emporia.

Wells, Oce, (N-4, 4).
Emporia.

Welton, N. S., (C-1).
Franklin.

Wenzl, Bennett, (1).
Emporia.

Werther, Caroline M., (C-1).
Ashton.

Wesner, Cora, (N-1).
Havana.

Whaley, Cora, (N-3).
Olivet.

Wheeler, Charles, (N-1).
Hill City.

Whetherholt, Rosa, (N-2, 4).
Cedar Point.

Whipple, George J., (N-3).
Emporia.

Whitaker, F. J., (N-3).
Soldier.

Whitcraft, G. E., (C-1).
Holton.

White, Carl, (1).
Emporia.

White, Mary Catherine, (1).
Emporia.

White, Orpha B., (N-4).
Clements.

Whitehouse, Maude, (N-3).
Eskridge.

Whiteley, Ernest, (1).
Emporia.

UNDERGRADUATES.

Whiteley, Otis. (1).
Emporia.
Whiteside, Mrs. Orabelle, (N-4).
White Cloud.
Whitney, Frank Ivan, (N-3).
Lafontaine.
Whitney, Eva, (N-1).
Lawrence.
Whitney, Pauline, (N-1).
Reading.
Widick, Helen, (2).
Emporia.
Widick, Irene, (2).
Emporia.
Widner, Guy, (N-4).
Bradford.
Wier, Mae, (C-2).
Blue Mound.
Wiggam, Winifred, (2, 4).
Emporia.
Wiggs, Anna G., (C-3).
Pratt.
Wiggs, Bessie May, (C-2).
Lebanon.
Wilkie, Nellie, (N-4).
Abilene.
Wilkinson, Alice, (6).
Emporia.
Wilkinson, Edna, (C-1).
Tonganoxie.
Wilks, Bessie, (1).
Emporia.
Wilks, Eva, (2).
Emporia.
Wilks, Lloyd, (1).
Emporia.
Wilks, Mabel, (1).
Emporia.
Willey, George, (N-3).
Belle Plaine.
Williams, Calla I., (4).
Emporia.
Williams, Capy Dollie, (N-1, 4).
Emporia.
Williams, Carrie M., (N-3).
White City.
Williams, Curtis, (C-2).
Emporia.
Williams, Dolphus, (C-1).
Langdon.
Williams, Edna, (4).
Emporia.
Williams, Elizabeth, (C-1).
Emporia.
Williams, Ella, (N-1).
Hazelton.
Williams, Irene Maud, (4).
White City.
Williams, John R., (C-1).
Emporia.
Williams, Lee H., (N-3).
White City.
Williams, Mary, (C-3).
Emporia.
Williams, Maud, (4).
White City.
Williams, Verbena, (N-1).
Emporia.
Williams, Winnie, (6).
Emporia.
Williamson, Edna, (1).
Emporia.
Williamson, Esther, (N-1).
Dunlap.
Williamson, Mary L., (N-3).
Newton.
Willson, Jessie Dee, (N-1).
Garnett.
Willson, Katie, (N-1).
Garnett.
Wilson, Avis, (C-1).
Hartford.
Wims, Keziah, (3).
Station A, Topeka.
Winchell, I. E., (C-1).
Emporia.
Winn, Lillian, (N-3).
Glen Elder.
Wingfield, Clara E., (N-1).
Council Grove.
Wingfield, Ollie, (N-3).
Council Grove.
Wishard, Eula, (4).
Blue Mound.
Wishard, Opal, (N-2).
Emporia.
Wisineyer, Grace, (N-1).
Emporia.
Wisner, Violet, (N-2).
Sharon.
Witherspoon, Ernest, (N-1).
Emporia.
Woerner, Mary Edna, (N-1).
Topeka.
Wolf, Ollie, (C-1).
Elk City.
Wolfe, Ella Elizabeth, (N-1).
Emporia.
Wolfe, Lloyd, (4).
Emporia.
Wood, Anna, (N-3).
Wamego.
Wood, Clinton, (1).
Emporia.
Wood, Frank, (1).
Emporia.
Wood, Walter A., (N-3).
Oketo.
Woodhead, Edith, (N-1).
Hoyt.

UNDERGRADUATES.

Woods, Hattie E., (C-1).
Kincaid.

Woods, Myrtle V., (N-3).
Argyle, *Tex.*

Woods, Nola Evelyn, (N-3).
Newton.

Wooster, David, (N-4).
Emporia.

Wooster, Florence, (C-2).
Emporia.

Wooster, Ruth E., (C-3).
Emporia.

Wren, Eva, (C-1).
Kincaid.

Wren, Everett, (N-3).
Kincaid.

Wrench, George, (N-1).
Emporia.

Wright, Charles C., (C-1).
Emporia.

Wright, Imogene, (N-1).
Emporia.

Wright, Kenneth, (1).
Emporia.

Wycoff, Ethel V., (N-4).
Garnett.

Wykoff, J. Q., (C-1).
Le Roy.

Wykoff, Mrs. J. Q., (N-4).
Le Roy.

Wynkoop, Virgie, (N-3).
Emporia.

Wynn, May, (4).
Norton.

Wyrick, Frank G., (N-4).
Grenola.

Wyrill, Pearl, (C-1).
Kirwin.

Yadon, J. P., (N-4).
Pratt.

Yapp, Grace, (N-3).
Chanute.

Yates, Pearl, (N-1).
Eureka.

Yeager, Guy E., (N-1).
Great Bend.

Yearout, Ada, (N-1).
Dunlap.

Yearout, Chrissie, (4, N-1).
Dunlap.

Young, Crystal Ruth, (N-1).
Savonburg.

Young, Ferol Fay, (N-1).
Savonburg.

Young, Hazel, (N-1).
Savonburg.

Young, Lottie May, (N-1).
Maplehill.

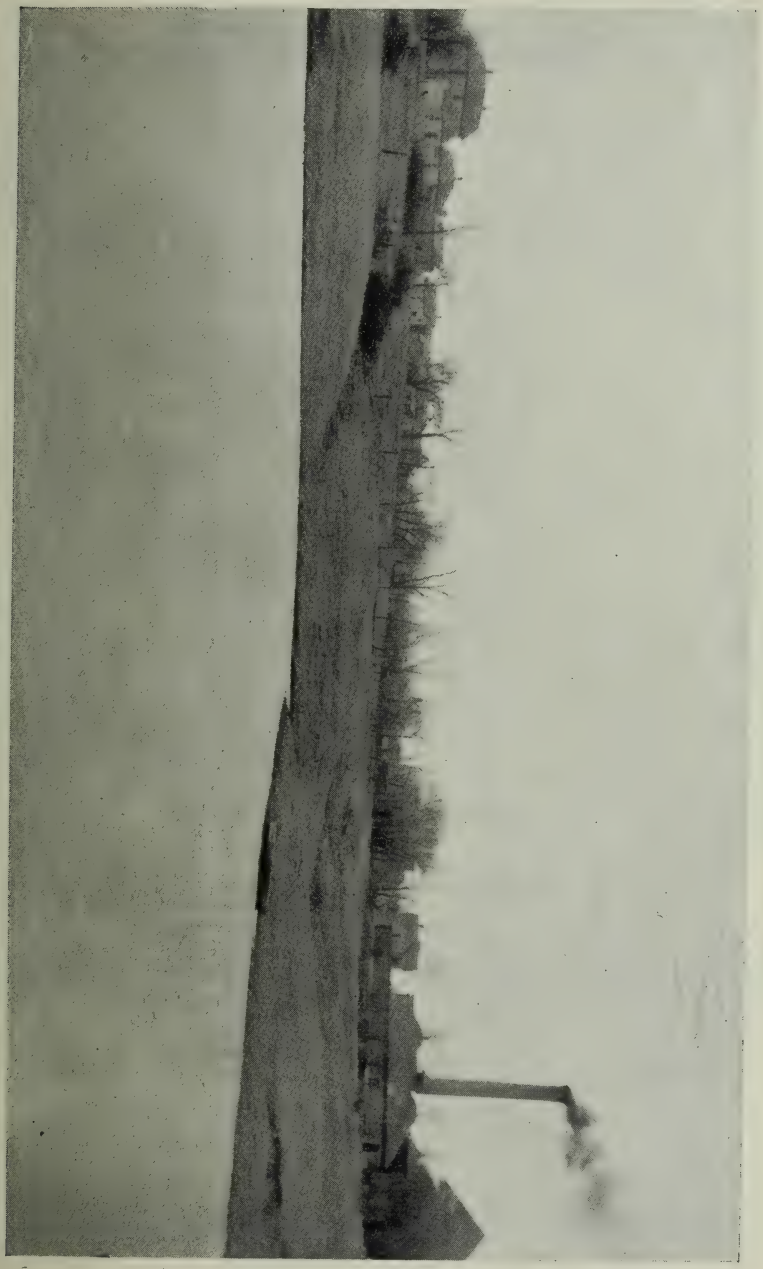
Young, Marshall, (4).
Emporia.

Yoxall, May, (N-4).
Osborne.

Zavodsky, Elmer E., (N-3).
Cuba.

Zeller, Sarah E., (N-3).
Paxico.

Zieber, Orrel, (N-3).
Alta Vista.



LAKE WOOSTER.

Kansas Counties Represented.

The following-named counties, ninety-seven in all, were represented during the past year. As younger children make up the classes in the primary and intermediate departments of the Model School, the pupils listed there are largely from Emporia or from the immediate vicinity. Many pupils who are enrolled as from Emporia belong to families residing here temporarily for the purpose of educating their children.

Allen	33	Greenwood	37	Ottawa	5
Anderson	42	Hamilton	2	Pawnee	9
Atchison	8	Harper	19	Phillips	9
Barber	18	Harvey	19	Pottawatomie	14
Barton	7	Haskell	2	Pratt	10
Bourbon	20	Hodgeman	1	Rawlins	1
Brown	16	Jackson	18	Reno	22
Butler	34	Jefferson	27	Republic	20
Chase	11	Jewell	8	Rice	11
Chautauqua	25	Johnson	10	Riley	12
Clark	3	Kearny	2	Rooks	5
Clay	12	Kingman	11	Rush	7
Cloud	11	Kiowa	2	Russell	4
Coffey	49	Labette	16	Saline	1
Comanche	3	Lane	5	Scott	2
Cowley	10	Leavenworth	33	Sedgwick	21
Crawford	16	Lincoln	12	Shawnee	37
Decatur	4	Linn	15	Sheridan	2
Dickinson	29	Lyon	768	Smith	14
Doniphan	12	McPherson	11	Stafford	8
Douglas	15	Marion	37	Stanton	1
Edwards	10	Marshall	31	Sumner	17
Elk	28	Meade	6	Thomas	1
Ellis	9	Miami	32	Trego	3
Ellsworth	6	Mitchell	10	Wabaunsee	21
Finney	7	Montgomery	23	Wallace	1
Ford	12	Morris	40	Washington	24
Franklin	30	Nemaha	8	Wichita	2
Geary	7	Ness	1	Wilson	24
Gove	3	Neosho	45	Woodson	21
Graham	7	Norton	5	Wyandotte	20
Grant	6	Osage	42		
Gray	2	Osborne	24	Total	2,177
Greeley	1				

FROM OUTSIDE OF KANSAS.

Arizona	1	Missouri	4	Virginia	1
Arkansas	3	New Mexico	3	Washington	3
Colorado	3	Ohio	2		
Idaho	1	Oklahoma	16	Total	47
Illinois	1	Pennsylvania	1	Grand total	2,224
Iowa	4	Texas	4		

Summary of Attendance.

Graduates		170
Four-year College course	24	
Two-year College course	126	
Music	13	
Piano	4	
Voice	2	
Kindergarten	14	
Undergraduates:		
First-year Normal		420
Second-year Normal		115
Third-year Normal		439
Fourth-year Normal		246
First-year College		290
Second-year College		34
Third-year College		27
Kindergarten training		27
Irregular		43
Training School		300
Kindergarten	66	
Grades 1 to 8	234	
Music		299
Library		4
Total		2,387
Repetitions		163
Total for the year		2,224

Forty-seventh Annual Catalogue

of the

Kansas State Normal School,

Emporia, Kansas.

1911.

STATE PRINTING OFFICE,
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5511

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5511

Board of Regents.

TERM EXPIRES IN 1913.

SHEFFIELD INGALLS	ATCHISON.
W. B. HAM	STOCKTON.
GEORGE E. TUCKER	EUREKA.

TERM EXPIRES IN 1915.

J. E. JUNKIN	STERLING.
H. W. GRASS	LA CROSSE.
JOHN E. BOYER	KINGMAN.

OFFICERS OF THE BOARD.

President	SHEFFIELD INGALLS.
Vice President	H. W. GRASS.
Secretary	JOHN E. BOYER.

Contents.

PAGE

Board of Regents 3

School Calendar for 1911-'12 6

The Faculty 7

Lecturers, state-wide institute 14

Student assistants 14

Faculty residences 15

Historical statement 17

Buildings, grounds and equipment 18

The reading room (Kellogg Library) 18

Organization 23

- School year 23
- Enrollment 23
- Examinations 23
- Amount of work to be carried at one time 23
- Fees 23
- Hospital fund 24
- Board and rooms 25
- Employment 25
- Summer school 25
- Positions as teachers 26
- Spirit of the school 26
- Lectures 26
- Student loan fund 27
- Student organizations 27

Entrance requirements and credits 29

Diplomas and certificates 31

Courses of study 33

Outlined tables of courses of study 35

Departments 38

- Arts 38
- Biological sciences 40
- Commerce 42
- English 43
- General Pedagogy 44

Departments—*concluded:*

PAGE

Geography 47
History 47
Languages 51
Library Science 54
Mathematics 55
Music (public school) 56
Physical Sciences 57
Physical Training 58
Speech arts 61

Description of course of study by departments follows in same alphabetical order 63

Music department 111

Register of students 122

Kansas counties represented 169

Summary of attendance 170

School Calendar, 1911-1912.

1911.

Apr.	3, Monday		— First Meeting of Classes for Fifth Term.
May	5, Friday		— Preliminary Contest in Literary Societies.
May	26, Friday		— Contest in Debate.
May	30, Tuesday		— Holiday.
Jun.	1, Thursday		— Close of Fifth Term.
Jun.	3, Saturday,	8:00 p. m.	— Drama: Department of Speech Arts.
Jun.	4, Sunday,	11:00 a. m.	— Baccalaureate Address.
		7:00 p. m.	— Vesper Services.
Jun.	5, Monday,	9:00 a. m.	— Senior Field Day.
		12:00 m.	— Senior Luncheon.
		8:00 p. m.	— Senior Play.
Jun.	6, Tuesday,	4:00 p. m.	— President's Reception to Alumni.
		8:00 p. m.	— Graduation Concert, Department of Music.
Jun.	7, Wedn'sd'y,	9:30 a. m.	— Commencement Exercises.
		12:00 m.	— Alumni Dinner.
Jun.	8, Thursday		— Opening Summer School. First Term.
Jun.	23, Friday		County Teachers' Examinations.
Jun.	24, Saturday		
Jun.	30, Friday		County Teachers' Examinations.
Jul.	1, Saturday		
Jul.	4, Tuesday		— Holiday.
Jul.	18, Tuesday, to Jul. 28, Friday.		State-wide Institute.
Jul.	28, Friday		County Teachers' Examination.
Jul.	29, Saturday		
Aug.	3, Thursday		— Close of Summer Term.
Sep.	5, Tuesday		— First Meeting of Classes for Second Term.
Oct.	27, Friday		County Teachers' Examination.
Oct.	28, Saturday		
Nov.	9, Thursday		— Close of Second Term.
Nov.	13, Monday		— First Meeting of Classes for Third Term.
Nov.	30, Thursday		Thanksgiving Vacation.
Dec.	1, Friday		
Dec.	20, Wednesday,	6:00 p. m.	— Close of School for Holiday Recess.

1912.

Jan.	3, Wednesday,	8:00 a. m.	— Re-opening of School.
Jan.	25, Thursday		— Close of Third Term.
Jan.	26, Friday		County Teachers' Examinations.
Jan.	27, Saturday		
Jan.	29, Monday		— First Meeting of Classes for Fourth Term.
Feb.	15, Thursday		— Founders' Day Exercises.
Feb.	22, Thursday		— Holiday.
Mar.	28, Thursday		— Close of Fourth Term.
Apr.	1, Monday		— First Meeting of Classes for Fifth Term.
Apr.	12, Friday		— German Play.
May	3, Friday		— Interstate Oratorical Contest.
May	29, Wednesday		— Close of Classes for Fifth Term.
May	30, Thursday		— Holiday.
Jun.	1, Saturday,	8:00 p. m.	— Drama: Department of Speech Arts.
Jun.	2, Sunday,	11:00 a. m.	— Baccalaureate Address.
		7:00 p. m.	— Vesper Service.
Jun.	3, Monday,	9:00 a. m.	— Senior Field Day.
		12:00 m.	— Senior Luncheon.
		8:00 p. m.	— Senior Class Play.
Jun.	4, Tuesday,	4:00 p. m.	— President's Reception to Alumni.
		8:00 p. m.	— Graduation Concert, Department of Music.
Jun.	5, Wednesd'y,	9:30 a. m.	— Commencement Exercises.
		12:00 m.	— Alumni Dinner.
Jun.	6, Thursday		— Opening Summer School, First Term.

THE FACULTY.

Schools in italics, special studies, one year or more.
Arranged by departments alphabetically.

JOSEPH H. HILL, A. M., D. D., LL. D.,
(Kansas State Normal School and Northwestern University.)
President.

JOHN H. GLOTFELTER, PED. D.,
(Illinois Normal University.)
Vice President and Director in Training.

Arts.

EMMA L. GRIDLEY (Kansas State Normal School and *Massachusetts Normal Art School*).
Professor of Drawing.

DANNETTA M. ECKDALL (Arts Students' League, New York; School of Design, Pittsburg, Pa.).
Assistant, Drawing.

KATHARINE MORRISON (Kansas State Normal School, *Teachers' College, Columbia University*).
Assistant, Drawing.

HERBERT HILL BRAUCHER, B. S. (University of Illinois).
Professor of Manual Training.

BETH WARNER MULL (Kansas State Normal School and *University of Illinois*).
Home Economics.

GERTRUDE FLINN[1] (Kansas State Normal School, *Stout Institute*).
Assistant, Home Economics.

MURIEL WILLIAMS (Kansas State Normal School).
Assistant, Home Economics.

Biological Sciences.

LYMAN C. WOOSTER, PH. D. (Milton College, State Normal School, Whitewater, Wis., and *Yale University*).
Professor of Biology and Geology.

LOTTIE E. CRARY, A. B. (Kansas State Normal School).
Assistant, Biology and Geology.

WILLIAM H. KELLER, A. B. (Kansas State Normal School and *Rose Polytechnic Institute*).
Assistant, Biology and Geology.

E. T. BARTHOLOMEW,[2] A. B. (Kansas State Normal School, University of Wisconsin).
Assistant, Biology.

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1. Absent on leave, first and second terms. 2. Absent on leave, 1910-'11.

ALBAN STEWART,[3] A. B., A. M. (*University of Missouri,* University of Kansas, *Harvard University*).
Assistant, Biology.

FRANK AGRELIUS,[4] A. B., A. M. (Kansas State Normal School, University of Kansas).
Assistant, Biology.

Commerce.

LEONARD A. PARKE, LL. B. (State Normal School, Mansfield, Pa., and University of Kansas).
Professor, Commerce.

CELIA MANNING (Ferris Institute, Big Rapids; *State Normal School, Mount Pleasant, Mich.*)
Assistant, Commerce.

English.

M'LOUISE JONES, A. M. (University of Michigan).
Professor of English.

EVA MCNALLY, M. L., B. L., PH. B. (Kansas State Normal School, Trueblood School of Oratory, Lincoln College, University of Wisconsin, and University of Chicago).
Associate Professor of English.

MARTHA J. WORCESTER (Kansas State Normal School).
Assistant, English.

ANNA BELL NEWTON, B. L., A. M. (Ohio Wesleyan University, University of Michigan, and *University of Chicago*).
Assistant, English.

GEORGIA RENEAU, PH. B., PH. M. (Kansas State Normal School, University of Chicago).
Assistant, English.

SOPHIA DONICA, A. B. (Kansas State Normal School, Columbia College of Expression).
Assistant, English.

JANE HOWARTH,[5] B. DI., A. B. (Iowa State Normal School, University of Michigan).
Assistant, English.

General Pedagogy.

NORMAN TRIPLETT, A. M., PH. D. (Illinois College, Indiana University, and Clark University).
Professor of Philosophy and Psychology.

A. MONROE STOWE, A. M., PH. D. (Northwestern University, Harvard University, and Columbia University).
Associate Professor, Philosophy and Psychology.

EDGAR FRANCIS RILEY, A. B., PH. D. (Baker University, and University of Chicago).
School Administration.

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3. Second and third terms.
4. Fourth and fifth terms.
5. Summer term, 1910.

HORACE M. CULTER (*Shurtleff College*, and Kansas State Normal School).
Assistant, School Administration.

JOSIAH MORSE,[5] A. M., PH. D. (Richmond College, Clark University).
Psychology.

Geography.

DANIEL AUGUSTINE ELLSWORTH (Kansas Normal College).
Professor of Geography.

History.

MARY ALICE WHITNEY, A. B. (Kansas State Normal School, and University of Michigan).
Professor of American History.

CHARLES E. HILL, A. M. (University of Michigan).
Assistant, American History.

WALTER R. SMITH, A. M., PH. D. (Missouri Valley College, Harvard University, and University of Chicago).
Professor of European History and Political Science.

PELAGIUS WILLIAMS,[6] A. M. (College of Emporia, University of Chicago, and *Columbia University*).
Assistant, European History.

MAUDE ELIZABETH MINROW, A. B. (Kansas State Normal School, and University of Chicago).
Assistant, History.

Languages.

MAUD HAMILTON,[7] A. B. (Kansas State Normal School, Cornell University).
Professor of Latin.

WILLIAM L. HOLTZ, A. B. (Baker University, and *University of Chicago*).
Assistant, Latin.

ANNA E. SNYDER[8] (Kansas State Normal School, and *Columbia University*).
Assistant, Latin.

LILLIAN MAE DUDLEY (Kansas State Normal School, *University of Kansas*, and *University of Berlin*).
Professor of Modern Languages.

D. HORTENSE BROOKOVER, A. B. (University of Kansas, *University of Chicago, University of Berlin*).
Assistant, Modern Languages.

Library Science.

GERTRUDE AMELIA BUCK, B. L. S. (State Normal School, Plattsville, Wis., and Illinois State Library School).
Professor of Library Science.

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5. Summer term, 1910.
6. Absent on leave, 1910-'11.
7. Absent on leave, fourth and fifth terms.
8. Absent on leave, 1910-'11.

Mathematics.

ELI LAWRENCE PAYNE, B. P., B. L., M. S. (Kansas State Normal School, Lincoln University, and College of Emporia).
Professor of Mathematics.

GEORGE W. ELLIS, A. M. (Hamilton College).
Associate Professor of Mathematics.

IRA P. BALDWIN, PH. B., A. M. (Indiana State Normal School, Wabash College, and Indiana University).
Assistant, Mathematics.

Music.

HENRY D. GUELICH, A. B., MUS. B., MUS. DOC. (Northwestern College, Grand Conservatory of Music, New York, Virgil Clavier School).
Director of Music Department, Piano, Theory and History of Music.

FRANK A. BEACH, B. L. (University of Michigan, Syracuse University School of Music, Juliani School of Opera, Paris).
Professor of Public-school Music, Voice Culture and Chorus.

ROBERT T. BLAIR[9] (Kansas State Normal School; pupil of Edgar B. Gordon, Chicago, and Louis Van Laar, Berlin).
Violin, Stringed Instruments.

CARLTON WOOD (Pupil of Edward Mollenhauer, New York; Gustav Exner, Berlin; Ottokar Sevcik, Prague).
Violin, Stringed Instruments, Orchestra.

FLORENCE CROSS (Pupil of Katherine C. Linn, New York; Moritz Moscowski, Paris).
Piano.

LURA VIRGINIA MUIR (Pupil of William Sherwood, Chicago; August Spamuth and Rudolph Ganz, Berlin).
Piano.

MABEL RHODES (Music Department Kansas State Normal School, Bush Temple Conservatory, Chicago).
Piano.

BERTHA CURTIS[9] (Chicago Musical College, Oberlin Conservatory of Music).
Voice Culture, Public-school Music.

MILDRED BOOMHOWER (Potsdam State Normal School, New York).
Public-school Music.

E. FLOY SCHUMACHER (Hedding College Conservatory, Abbington, Ill.; pupil of Mdme. Barbareux Parry, Chicago, *Centralizing School of Music*, Chicago).
Voice Culture.

CATHERINE EDITH STROUSE (Winona Normal School; Thomas School, Detroit; National Summer School, Chicago).
Public-school Music.

RAY WINTHROP WINGATE (New England Conservatory, Boston).
Voice Culture, Public-school Music.

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9. Resigned, August, 1910.

LILLA GRIGSBY (Kansas State Normal School, Department of Music).
Piano.

MARCELLUS GRADY.
Band Instruments.

Physical Sciences.

THOMAS MEDARY IDEN, PH. M. (Butler University, and *University of Berlin*).
Professor of Physics and Chemistry.

WALTER GLEN LEWIS (State Normal College, Ypsilanti, Mich., Teachers' College, Columbia University, and *University of Michigan*).
Associate Professor of Physics and Chemistry.

WILLIAM A. VAN VORIS (Kansas State Normal School).
Assistant, Science.

Physical Training.

PAUL B. SAMSON, B. P. E., M. DI. (Iowa State Normal School, and International Y. M. C. A. Training School).
Director of Physical Training.

ALICE GERTRUDE HAGGART[10] (Cushing Hospital, Boston, Mass., Sargent School of Physical Training).
Assistant Director of Physical Training.

MIRIAM THAYER, A. B. (Wellesley College, Sargent School of Physical Training, *Emerson College of Oratory*).
Assistant Director of Physical Training.

FRED L. HONHART (International Y. M. C. A. Training School, Springfield, Mass).
Assistant, Physical Training.

BESSIE L. PARK[10] (State Normal School, Courtland, N. Y., New Haven Normal School of Gymnastics).
Assistant, Physical Training.

CAROLYN M. PLOCK (Iowa State Teachers' College, and New Haven Normal School of Gymnastics).
Assistant, Physical Training.

CLAIR K. TURNER (Kansas State Normal School, *Harvard University*).
Assistant, Physical Training.

ELEANOR HARRIETT KITCHIN[11] (Sargent Normal School for Physical Education, special training under Dr. Robert Lovett, of Boston, *Children's Hospital, Boston*).
Assistant, Physical Training.

Speech Arts.

CORA MARSLAND, O. M. (New York State Normal College, Emerson College of Oratory, and *Wellesley College*).
Professor of Oral English.

ROWLAND HENRY RITCHIE, PH. B. (University of Chicago, and *Northwestern University*).
Professor of Public Speech.

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10. Resigned, August, 1910.
11. Fourth and fifth terms.

MAUDE HAYES,[12] A. M. (Nashville College, Emerson College of Oratory, *University of Chicago*).
Oral English.

ISAAC MERTON COCHRAN,[12] A. B., A. M. (University of Michigan, *Emerson College of Oratory*).
Public Speech.

Training School.

JOHN H. GLOTFELTER, PED. D. (Illinois Normal University).
Director in Training.

ACHSAH M. HARRIS, A. B. (Kansas State Normal School, *University of Michigan*, and *Teachers' College, Columbia University*).
Critic Teacher.

ELISE MADDUX (Chicago Froebel Association Training School).
Kindergarten.

ETHEL MCCARTNEY (Kansas State Normal School).
Assistant Critic Teacher, Model Intermediate.

JANE KELLOGG, ATWOOD,[13] A. B. (Chicago Normal School, and University of Chicago).
Assistant Critic Teacher, Grammar.

JESSIE LOUISE FORDE,[13] A. B. (Kansas State Normal School, *College of Emporia, Teachers' College, Columbia University*).
Assistant.

JENNIE WILLIAMS, A. B. (Kansas State Normal School, *University of Michigan, Teachers' College, Columbia University*).
Assistant.

ADELAIDE PARSONS,[12] B. S. (State Normal School, Plattsburg, N. Y., Columbia University).
Critic Teacher.

ELEANOR HAMPTON[12] (Illinois State Normal University, *University of Chicago*).
Assistant.

CARRIE BRADLEY[12] (Kansas State Normal School).
Assistant.

ELIZABETH JOHNON[12] (Kansas State Normal School, *University of Chicago*).
Assistant.

HARRIET SEWALL,[13] B. S., S. M. (Fairmount College, University of Chicago).
Assistant.

MABEL CLAIRE STARK,[13] B. S. (Illinois State Normal University, University of Chicago).
Assistant.

GRACE TEAR,[13] A. B. (Kansas State Normal School, Fairmount College).
Assistant.

HARRIET PRIEST.
Office Assistant.

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12. Summer term, 1910.

13. Absent on leave, 1910-'11.

Library.

GRACE MILDRED LEAF (Kansas State Normal School).
Cataloguer and Acting Librarian.

MAUDE E. SHORE (Kansas State Normal School).
Assistant.

ETHEL MACURDY, A. B. (*Baker University* and Kansas State Normal School).
Assistant.

Administration.

JAMES RALPH JEWELL, A. M., PH. D. (Coe College, and Clark University).
Normal School Visitor.

R. E. COLEMAN (Kansas State Normal School).
Financial Secretary.

WILLIAM H. SINGULAR (Kansas State Normal School).
Secretary, General Office.

MARY VIRGINIA KELLOGG, A. B. (University of Kansas).
Secretary to the President.

LOUISE JAGGARD.
Registrar.

CHARLES R. ADAMSON[14] (Kansas State Normal School).
Assistant Financial Secretary.

CORA E. RUTTINGER (*Kansas State Normal School*, St. Barnabus Hospital, New York, Nursery and Child's Hospital, New York, Massachusetts Eye and Ear Infirmary, Boston, and Red Cross Nurse, Spanish-American War).
Nurse.

WILLIAM H. BOYLES.
Custodian of Buildings and Grounds.

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14. Resigned March, 1911.

Lecturers, State-wide Institute.

SUMMER TERM, 1910.

FRANK NELSON, A. M., President of Minnesota College, *Reading.*

WILLIAM J. SUTHERLAND, PH. M., President State Normal School, Platteville, Wis., *Geography.*

CHESTINE GOWDY, B. L., Department of English, Illinois State Normal University, *Grammar.*

FISKE ALLEN, A. B., Instructor in Mathematics, Horace Mann School, Columbia University, *Arithmetic.*

EDWARD L. HOLTON, A. B., Professor of Rural Education, Kansas State Agricultural College, *Agriculture.*

WILLIAM D. ROSS, A. M., State Normal Training High School Inspector, *American History.*

EDWARD T. FAIRCHILD, PED. D., LL. D., State Superintendent of Public Instruction, *School Management.*

JOHN H. GLOTFELTER, PED. D., Vice President and Director in Training, Kansas State Normal School, *Methods.*

JAMES R. JEWELL, PH. D., Kansas State Normal School Visitor, *Psychology.*

Student Assistants.

PART TIME.

F. E. ALDER.
F. E. BROWN.
GEORGE HETZEL.
CHARLOTTE LEWIS.
ETHEL MOSS.
MARY B. NELSON.
BESSIE NORMAN.
IDA ROWE.
CHARLES A. SPEER.
ALICE THROCKMORTON.
J. C. STRALEY.
EMMA OSTLUND.
J. H. FRANZEN.
EVA M. ARMSTRONG.
FLOYD CLEMENTS.
JENNIE STRAWMAN.
DAVID W. HENRY.
C. W. MCCORMICK.
JEAN POWERS.
J. E. GILBERT.
GEORGE E. HARDER.
J. T. HUNTER.
MABEL KINKEAD.
D. ANNA SPEER.
LUCILE SKINNER.
MRS. CORNELIA MOSS.
LUCILE HANSEN.
L. B. ANDERSON.
MARY MCNABB.
L. DWIGHT WOOSTER.
GRACE E. HOWELL.
CARL W. SALSER.
MURIL WILLIAMS.
ETHEL HARRIS.

Faculty Residences.

Name and phone number.	*Street address.*
AGRELIUS, FRANK	———.
ATWOOD, JANE K.	———.
BALDWIN, IRA P., 1071	910 State.
BEACH, F. A., 149	1236 Highland.
BOOMHOWER, MILDRED, 1158 Green	1006 Market.
BRAUCHER, H. H., 820 Red	905 Neosho.
BROOKOVER, HORTENSE, 819	827 Market.
BUCK, GERTRUDE, 110	519 Commercial.
COLEMAN, R. E., 1052	1119 State.
CRARY, LOTTIE E., 519 Green	923 Exchange.
CROSS, FLORENCE, 1117	1113 Congress.
CULTER, H. M., 1152	1515 Highland.
DONICA, SOPHIA, 1178	1016 Congress.
DUDLEY, LILLIAN, 1284	1024 Constitution.
ECKDALL, MRS. D. M., 864	727 Rural.
ELLIS, GEO. W., 173	1127 State.
ELLSWORTH, D. A., 159	218 West Twelfth.
FLINN, GERTRUDE, 1144	1113 Constitution.
GLOTFELTER, J. H., 341	1025 State.
GRIDLEY, EMMA, 220 Blue	821 State.
GUELICH, H. D., 429	927 Merchant.
HARRIS, ACHSAH, 798	829 Mechanic.
HILL, CHARLES E., 526	717 Constitution.
HILL, JOSEPH H., 650	1314 Highland.
HOLTZ, WM. L., 928	924 Constitution.
HONHART, F. L., 1124	1304 Highland.
IDEN, T. M., 764	1006 Constitution.
JAGGARD, LOUISE, 820 Blue	1009 Neosho.
JEWELL, J. R., 2915	1521 Highland.
JONES, M'LOUISE, 542	809 Mechanic.
KELLER, W. H., 1144	1113 Constitution.
KELLOGG, MARY V., 315	725 Neosho.
LEAF, GRACE M., 347	810 Mechanic.
LEWIS, W. G., 1119 Black	304 East Fourteenth.
MCNALLY, EVA, 72	911 Union.
MACURDY, ETHEL M., 890	1224 Highland.
MADDUX, ELISE, 764	1006 Constitution.
MANNING, CELIA, 1192 Green	1117 Constitution.
MARSLAND, CORA, 1079 Red	1513 North Merchant.
MINROW, MAUDE E., 402	1114 Neosho.
MORRISON, KATHARINE, 758	902 State.
MUIR, LURA, 938	828 Market.
MULL, MRS. BETH, 675 Red	1014 Market.
NEWTON, ANNA BELLE, 798	829 Mechanic.
PARKE, L. A., 560	1127 Market.
PAYNE, E. L., 985	1218 Neosho.
PLOCK, CAROLYN, 1121 Black	1213 Rural.
PRIEST, HARRIET, 569	1009 Union.
RENEAU, GEORGIA, 764	1006 Constitution.

Name and phone number.	*Street address.*
RHODES, MABEL, 1144	1113 Constitution.
RILEY, E. F., 176	312 West Twelfth.
RITCHIE, R. H., 1185	832 Merchant.
RUTTINGER, CORA E., 612	Normal Hospital.
SAMSON, P. B., 1121 Black	1213 Rural.
SCHUMACHER, E. FLOY, 1158 Green	1006 Market.
SEWALL, HARRIET, 446	727 Constitution.
SHORE, MAUDE E., 1192 Green	1117 Constitution.
SINGULAR, W. H., 1118 Green	1501 North State.
SMITH, W. R., 176	312 West Twelfth.
STARK, MABEL, 446	727 Constitution.
STOWE, A. MONROE, 1165	1012 Constitution.
STROUSE, CATHERINE, 1158 Green	1006 Market.
TEAR, GRACE, 675 Red	1014 Market.
THAYER, MIRIAM	———.
TRIPLETT, NORMAN, 850	1225 North Merchant.
TURNER, CLAIR K., 1118 Green	1501 North State.
VAN VORIS, W. A., 1017	1315 Highland.
WHITNEY, MARY A., 819	827 Market.
WILLIAMS, JENNIE, 1219 Red	121 Union.
WILLIAMS, MURIEL	1120 Commercial.
WINGATE, RAY W., 670	1101 Merchant.
WOOSTER, L. C., 247	1017 Union.
WORCESTER, MARTHA J., 542	909 Mechanic.
WOOD, CARLTON, 938	828 Market.
TAYLOR, LUELLA, 516	826 Rural.

Historical.

THE State Normal School of Kansas was located at Emporia by act of the legislature passed in February, 1863; the legislature of 1864 provided for the appointment of a Board of Regents and the organization of the School, and the first appropriation bill, $1000, for the salaries of teachers, was approved February 29, 1864. The School opened its doors to students and began regular work in the upper room of a school building owned by the city of Emporia, February 15, 1865, with one teacher, L. B. Kellogg, and eighteen students. The first building for the use of the School erected by the state was dedicated January 2, 1867; the first graduating class, consisting of two young women, was the class of 1867. Since that time the School has graduated more than 2000 young men and women, and numbered probably 25,000 among its undergraduate students; almost the entire number of these have engaged for a longer or shorter time in teaching in the schools of Kansas and of other states, and the influence of the School has been a positive and powerful factor in the educational life of the state during all the forty-two years of its history. By the legislature of 1901 the Normal School at Hays, and by the legislature of 1903 the Normal School at Pittsburg, were established as auxiliary to the State Normal School at Emporia, and designated respectively "The Western Branch, State Normal School," and "The Manual Training Auxiliary." The management of the three schools is by law vested in one Board of Regents, and the president of the Normal School at Emporia is the president of the three schools.

PURPOSES OF THE SCHOOL.

The act organizing the School and locating it permanently at Emporia provided that its exclusive purpose should be "the instruction of persons, both male and female, in the art of teaching," and designated in general terms such branches of instruction as were then recognized as necessary for the accomplishment of that end. The School throughout its history has been conducted in the spirit of its foundation and with specific reference to its function of preparing teachers for the public schools of the state. The field of the Normal School as an essential part of the school system of the state implies a recognition of the principles that proficiency in the art of teaching is dependent upon thorough knowledge of the fundamental principles of the science of teaching, that this knowledge should be both historical and philosophical, and that clear conceptions of methods can most readily be attained by an intelligent study of them in practical operation. The Normal Schools of the state, then, organized into one system, assume as their field specifically the professional function. The place and value of every subject in the course of study is determined by its relation to this end, the method of approach to every subject of instruction has the teaching purpose particularly in view, and in every way the Normal School seeks to develop a distinctive teaching atmosphere, to foster the best expression of the teaching spirit, and to set the highest standards for teaching preparation. To fulfill its mission adequately, and to meet the legitimate demands made upon it, the Normal School recognizes

that it must touch every phase of public-school life in the state, must lay the foundations of broad and thorough scholarship and professional training for every grade of school work, and must seek to be a progressive center of educational thought and a disseminator of the best teaching ideals to the schools of every community.

LOCATION.

Emporia, the home of the State Normal School, is a city of approximately 10,000 inhabitants, situated between the Neosho and Cottonwood rivers, in a beautiful and healthful location, easily accessible from all parts of the state. Its railroads are the main line and three branches of the Atchison, Topeka & Santa Fe Railway, and the Neosho branch of the Missouri, Kansas & Texas. Emporia combines ideally the characteristics of a model school town. It is a substantial business city in the center of a prosperous agricultural community. Its well-kept lawns, its commodious and comfortable homes, its public buildings and its numerous schools and churches are external evidences of the spirit of the community; it has also long been known as one of the most attractive residence and home cities of the West. It is often designated as a city of schools and churches, and the educational and moral tone of the community is wholesome and helpful in the highest degree. Students find a cordial welcome to their church homes in the various places of worship in the city, and they have no difficulty in finding places for room and board with congenial surroundings where the moral safeguards are the very best. Many families in the city are particularly identified with the life of the School because they have been especially attracted to Emporia as a place of residence by its educational opportunities.

BUILDINGS, GROUNDS AND EQUIPMENT.

In addition to a competent Faculty and good location, convenient and suitable buildings are necessary for a school.

The Normal School grounds are located immediately adjacent to the city at the north end of Commercial street, the leading business street of Emporia. The original campus of twenty acres has been enlarged by successive purchases so that it now includes about thirty-five acres, including one of the most satisfactory and best-equipped athletic fields in the state. The group of buildings includes:

THE MAIN BUILDING, the central portion of which was built originally in 1880, but enlarged by the addition of a wing on the west in 1887, and on the east in 1895. In the east wing is the beautiful addition known as "Albert Taylor Hall." The entire building is devoted to the purposes of administration and instruction, is about 300 feet long, and contains 80 rooms, exclusive of closets and wardrobes—well lighted, well ventilated, attractively and comfortably furnished with direct reference to the needs of the modern schoolroom. It is heated by steam, has a complete system of motor ventilation, a private telephone exchange with direct connection with the city system, is supplied with water, gas and electric light; in short, is fully equipped with whatever adds to the comfort and convenience of student life.

THE KELLOGG LIBRARY, completed in 1902 at a cost of $60,000, provided with modern library equipment, is admirably adapted for research work. Over 27,000 books, selected with reference to the teacher's work, are catalogued and ready for instant reference. The entire library force have had library training in the best schools of the country. This enables them to give helpful guidance to the students. The convenient arrange-

ment of the reading room, seminars and lecture room makes the library an ideal place for study and research.

THE TRAINING SCHOOL BUILDING was completed in 1905, at a cost of over $30,000. It is arranged especially for practice teaching, and contains accommodations for the kindergarten and the eight grades of the common school. It has a good equipment, with playroom, manual training, kindergarten kitchen, and ample playgrounds. It is notable for its good light and ample ventilation. Valuable and appropriate pictures are on the walls. Its equipment is being added to from year to year.

THE NORTON SCIENCE HALL, erected at a cost of $50,000, was occupied by classes in September, 1907, and formally dedicated to the uses of the School November 15, 1907, with appropriate exercises. The building was named, by authority of the Regents, "The Norton Science Hall," in honor of Henry B. Norton, first teacher of natural science in the School and associate principal under L. B. Kellogg. Modern laboratories and lecture rooms, equipped with the best scientific apparatus, are provided for the science work. The museum is rich in specimens illustrating the various lines of physical science. The building offers first-class, up-to-date conditions for the study of science.

THE PHYSICAL TRAINING BUILDING was first used for classes in February, 1910, and formally opened with appropriate exercises April 15, 1910. The dedicatory address was given by Dr. Henry S. Curtis, vice president of the American Playground Association. It is in every respect modern and designed exclusively for gymnasium purposes. The heating, lighting and ventilation of this building are perfect and the equipment is up to the standards of to-day. The basement is equipped with dressing rooms, steel lockers, shower baths, and a swimming pool. The second floor is for heavy apparatus and marching. The main room on this floor is 158 feet long and 66 feet wide. It may be used as one room or divided by rolling partitions into two. At the ends of the building on this floor and the next are offices and consulting rooms. The third floor is used for basket-ball and kindred games, and offers one of the best basket-ball courts in the state. Above this is a gallery for spectators and a running track. The floors of the large rooms are of hard maple, making ideal surfaces for gymnastic purposes. This magnificent building, costing over $100,000, is to be devoted exclusively to physical-training classes and work.

MUSIC HALL, directly east of the main building, was purchased in June, 1910, from the estate of the late C. V. Eskridge, and has been occupied since September, 1910. The building contains four private studios for the instructors in instrumental and violin music, two recitation rooms for classes in theory and harmony, and an office. It is well lighted by electricity and furnishes very comfortable and convenient accommodations for the work in music.

THE EMERGENCY HOSPITAL is provided with equipment necessary for the care of the students who are ill. A trained nurse is in charge of the hospital. A small fee is required of all students for meeting the expenses of the nurse. The plan of caring for sick students has proved very effective. Precautionary and preventive measures have checked epidemics and conserved health.

THE POWER HOUSE, situated at the rear of the other buildings, is equipped with a modern battery of boilers, engine and generator, which furnishes heat and light for all the buildings as well as electric power for the blower-fan system of ventilation.

THE ATHLETIC FIELD, on the northwest part of the campus, gives abundant facilities for all out-door games. The drainage of the grounds is perfect, so their condition seldom prevents use. The field has been enlarged by the purchase of additional ground on the north, and additional tennis courts are being added as needed.

PERIODICALS AND NEWSPAPERS.

The Library is liberally supplied with magazines and newspapers adapted to the general as well as to the special needs of the pupils. The following periodicals and newspapers are subscribed for regularly:

American Boy, Detroit, Mich.
American Chemical Journal, Baltimore, Md.
American Economic Association Quarterly, Princeton, N. J.
American Federationist, Washington, D. C.
American Journal of International Law, New York.
American Journal of Psychology, Worcester, Mass.
American Journal of Religious Psychology, Worcester, Mass.
American Library Association Booklist, Chicago.
American Magazine, New York.
American Naturalist, New York.
American Penman, Cedar Rapids, Ia.
American Physical Educational Review, Springfield, Mass.
American Political Science Review, Baltimore, Md.
American Primary Teacher, Boston.
American School Board Journal, Milwaukee, Wis.
Annals of the American Academy of Political and Social Science, Philadelphia.
Atlantic Monthly, Boston, Mass.
Bay View Magazine, Detroit, Mich.
Book Review Digest, Minneapolis, Minn.
Bookman, New York.
Bulletin of Bibliography, Boston.
Bulletin of the Geographical Society of America, Rochester, N. Y.
Business and Bookkeeper, Detroit, Mich.
Business Journal, New York.
Capital, Topeka, Kan.
Catholic Educational Review, Washington, D. C.
Central Law Journal, St. Louis, Mo.
Century, New York.
Chautauquan, Chautauqua, N. Y.
Christian Socialist, Chicago.
City Hall, Chicago.
Classical Journal, Chicago.
Classical Philology, Chicago.
Classical Weekly, New York.
Collier's Weekly, New York.
Constitution, Atlanta, Ga.
Contemporary Review, New York.
Country Life in America, New York.
Craftsman, New York.
Cumulative Book Index, Minneapolis, Minn.
Current Literature, New York.
Domestic Art Review, New York.
Economic Bulletin, Princeton, N. J.
Education, Boston.
Educational Review, New York.
Elementary School Teacher, Chicago.
Etude, Philadelphia.
Everybody's Magazine, New York.
Forum, New York.
Gazette, Emporia, Kan.
Geographical Journal, London, England.
Good Housekeeping, Springfield, Mass.
Harper's Bazar, New York.
Harper's Monthly, New York.
Harper's Weekly, New York.
Hibbert Journal, Boston.
Household Arts Review, New York.
Independent, New York.
Johns Hopkins University Studies, Baltimore, Md.
Journal of Accountancy, New York.
Journal of American History, New Haven, Conn.
Journal of Education, Boston.
Journal of Educational Psychology, Baltimore, Md.
Journal of Experimental Zoölogy, Baltimore, Md.
Journal of Geology, Chicago.
Journal of Home Economics, New York.
Journal of Political Economy, Chicago.
Kansas Magazine, Wichita, Kan.
Kindergarten Review, Springfield, Mass.
Ladies' Home Journal, Philadelphia.
Library Journal, New York.
Library Work, Minneapolis, Minn.
Literary Digest, New York.
Literarische Echo, Berlin, Germany.
Little Folks, Salem, Mass.
Living Age, Boston.
Lyceumite and Talent, Chicago.
McClure's Magazine, New York.
Mail and Breeze, Topeka, Kan.
Manual Training Magazine, Peoria, Ill.
Masters in Art, Boston.
Mind and Body, Milwaukee, Wis.
Missionary Review, New York.
Modern Language Notes, Baltimore, Md.
Monist, Chicago.
Moody's Magazine, New York.
Musical Courier, New York.
Musician, Boston.
Nation, New York.
National Geographic Magazine, Washington, D. C.
Nature Study Review, Urbana, Ill.
New England Magazine, Boston.
Nineteenth Century, New York.
North American Review, New York.
Outing, New York.
Outlook, New York.
Pacific Reporter, St. Paul, Minn.
Pedagogical Seminary, Worcester, Mass.
Phonographic World and Commercial School Review, New York.
Physical Review, New York.
Physical Training, New York.
Playground, New York.
Poet Lore, Boston.
Political Science Quarterly, Boston.
Popular Science Monthly, New York.
Post Intelligencer, Seattle, Wash.
Primary Education, Boston.
Psychological Bulletin, Baltimore, Md.
Psychological Clinic, Philadelphia.
Psychological Review, Baltimore, Md.
Public Libraries, Chicago.
Reader's Guide to Periodical Literature, Minneapolis, Minn.
Record Herald, Chicago.
Republic, St. Louis.
Review of Reviews, New York.
St. Nicholas, New York.

Saturday Evening Post, Philadelphia.
School and Home Education, Bloomington, Ill.
School Arts Book, Worcester, Mass.
School Journal, New York.
School Music Monthly, Keokuk, Ia.
School Review, Chicago.
School Science and Mathematics, Chicago.
Science, New York.
Scentific American, New York.
Scientific American Supplement, New York.
Scottish Geographical Journal, Edinburgh, Scotland.
Scribner's Magazine, New York.
Speaker, Philadelphia.
Star, Kansas City, Mo.
State Journal, Topeka, Kan.
Story Hour, Washington, D. C.
Success, Chicago.
Survey, New York.
System, Chicago.
Teachers College Record, New York.
Teachers' Magazine, New York.
Technical World, Chicago.
Times, Kansas City, Mo.
Tribune, New York.
Western School Journal, Topeka, Kan.
Woche, Berlin, Germany.
World's Work, New York.
Youth's Companion, Boston.

The publishers of the following publications have kindly placed the Library upon their regular mailing list:

Advance, Chetopa.
Advance, Walnut.
Advocate, Yates Center.
Advocate of Peace, Boston, Mass.
Bee, Bison.
Bulletin, Anthony.
Bulletin, Florence.
Bulletin, Sterling.
Chief, Troy.
Christian Science Monitor, Boston, Mass.
Chronicle, Burlingame.
Chronoscope, Larned.
Church Visitor, Atchison.
Citizen, Burns.
Citizen, Fredonia.
Citizen, Howard.
Clipper, Ashland.
Comet, Courtland.
Congressional Record, Washington, D. C.
Courant, Howard.
Courier, Norton.
Courier, Winfield.
Cresset, Medicine Lodge.
Democrat, Abilene.
Democrat, McPherson.
Democrat, Mound City.
Dispatch, Clay Center.
Dispatch, Dexter.
Dispatch, Norcatur.
Eagle, Wichita.
Eagle-Plaindealer, Garnett.
Enterprise, Allen.
Enterprise, Alma.
Enterprise, Randolph.
Farmer's Vindicator, Valley Falls.
Farm Journal, Sterling.
Freeman, McPherson.
Free Press, Hays City.
Free Press, Osage City.
Gazette, Augusta.
Gazette, Beloit.
Gazette, Peabody.
Gleaner, Longton.
Globe, Dodge City.
Graduate Magazine, Lawrence.
Greeting, Americus.
Grit, Hamilton.
Guard, Council Grove.
Herald, Burr Oak.
Herald, Eureka.
Herald, Fredonia.
Herald, Humboldt.
Herald, Ottawa.
Herald, Newton.
Herbert's Weekly, Hiawatha.
House Beautiful, New York.
Independent, Burlington.
Independent, Natoma.
Independent, Oskaloosa.
Index, Medicine Lodge.
Interstate Schoolman, Hutchinson.
Industrialist, Manhattan.
Journal, Dodge City.
Journal, Garnett.
Journal, Hillsboro.
Journal, Kingman.
Journal, La Cygne.
Journal, Lawrence.
Journal, Newton.
Journal, Salina.
Journal of Osteopathy, Kirksville, Mo.
Kansan, Concordia.
Kansan-Republican, Newton.
Kansas Children's Home Finder, Topeka.
Kansas City Deaconess, Kansas City, Mo.
Kansas Farmer, Topeka.
Kansas Issue, Topeka.
Ledger, Meriden.
Lookout, Cincinnati, Ohio.
Message, Parker.
Messenger, Eureka.
Mirror, Olathe.
Missionary Link, New York.
Missionary Tidings, Indianapolis, Ind.
Modern Light, Columbus.
Mystic Worker, Fulton, Ill.
Nationalist Prohibitionist, Chicago.
Neglected Arabia, New York.
News, Belle Plaine.
News, Hays City.
News, Hutchinson.
News, Marysville.
News, Meade.
News, Morrill.
News, Ness City.
News, Republic City.
News, St. John.
News, Winona.
News-Courant, Strong City.
News-Democrat, Lyons.
Observer, Pleasanton.
People's Voice, Wellington.
Prolocutor, Garden City.
Prolocutor, Syracuse.
Public, Chicago.
Public Opinion, Osage City.
Record, Erie.
Record, Marion.
Record, Russell.
Record, Stockton.
Recorder, Holton.
Recorder, Westmoreland.
Reformer, Russell.
Register, Iola.
Register, Neodesha.
Reporter, Ellsworth.
Reporter, Junction City.
Reporter, Manhattan.
Reporter, Mound City.
Reporter, Ottawa.
Republican, Anthony.
Republican, Burlington.
Republican, Clyde.
Republican, El Dorado.
Republican, Fort Scott.
Republican, Galena.

Republican, Hays City.
Republican, Jetmore.
Republican, Lincoln.
Republican, McPherson.
Republican, Paola.
Republican, Pratt.
Republican, Toronto.
Republican, Wathena.
Republican Register, Washington.
Review, Marion.
Review, Moline.
Review, Stockton.
Sentinel, Greenleaf.
Sentinel, Lincoln.
Signal, Alma.
Signal, Holton.
Spirit, Madison.
Spirit of Missions, New York.
Star, Admire.
Sun, Elk City.
Sun, Glasco.
Sun, Kelseyville, Cal.
Sun, Parsons.
Sun, Summerfield.
Telegraph, Waterville.
Telescope, Belleville.
Tiller and Toiler, Larned.
Times, Beloit.
Times, Chanute.
Times, Clay Center.
Times, Downs.
Times, El Dorado.
Times, Emporia.
Times, Esbon.
Times, Lebanon.
Times, Westphalia.
Tribune, Colby.
Tribune, Great Bend.
Tribune, Independence.
Tribune, Seneca.
Tribune-Star, Eskridge.
Union, Pratt.
United Presbyterian, Pittsburg, Pa.
Valve World, Chicago.
Vanguard, St. Louis.
Vorwarts, Hillsboro.
Woman's Journal, Boston.
Woman's National Daily, St. Louis.
World, Lawrence.
Youth's Instructor, Washington, D. C.

Organization.

SCHOOL YEAR.

The school year is divided into five terms of approximately ten weeks each. The summer term is known as the first term.

ENROLLMENT.

While it is advisable for students who are entering to enroll at the beginning of a term, it is permitted, upon good and sufficient reasons being stated, to enroll at any time. However, credit is not assured to those who enroll later than one week after the opening of the term.

EXAMINATIONS.

No final term examinations are given to students regularly enrolled in classes, credit being based upon daily recitations. The privilege of taking final examinations may be given to students returning to school after an extended absence during the first semester succeeding their return after consultation with, and the consent of, the head of the department in which the work is requested, upon the payment of the special examination fee. See under Fees.

COUNTY EXAMINATION.

Regularly enrolled students of the State Normal School may, upon the payment of the usual examination fee of one dollar, present themselves for examination for county certificates to be conducted under the supervision of the officers of the State Normal School at any time when such an examination is given at any point in the state. The papers in such examination will be sent to any county designated by the applicant, there to be examined by the county board of examiners, who will issue certificates to the successful applicants under the same conditions as if the examination had been conducted under their supervision.

AMOUNT OF WORK TO BE CARRIED AT ONE TIME.

Students must be enrolled in not less than eight nor more than seventeen recitation hours of work per week for each term. Applications for work in excess of seventeen hours will only be considered by the Faculty if presented upon blanks properly filled out. These may be obtained at the General Office and will be left there. No student, however, is encouraged to carry more than the amount specified above.

FEES.

Unless otherwise stated, fees are to be paid at the beginning of each term and in advance.

INCIDENTAL. All students pay an incidental fee of one dollar per term. This fee is additional to any or all other fees listed below and will not be refunded.

HOSPITAL. Each school year, or fraction thereof, all students in college and secondary courses pay fifty cents, to be used as a fund for the care of the sick. This fee will not be refunded.

LOCKER. All students pay a gymnasium locker fee of seventy-five cents each term.

NONRESIDENT. Nonresident students will pay a fee of five dollars per term additional to any or all other fees. This applies to students who have not been living in Kansas for six months prior to enrolling.

ABSENTIA. Students taking work *in absentia* pay a fee of five dollars for each course taken.

LABORATORY. The cost of work requiring laboratory will be based upon the supplies actually consumed.

TYPEWRITER RENT. Students taking typewriting pay two dollars and fifty cents for the use of the machine per term.

MUSIC. For fees in Music Department, see under that head.

IRREGULAR. Students who specialize to the extent of interfering with the completion in the regular time of the prescribed Normal course will be classed irregular and will be charged at the rate of two dollars for each irregular subject up to a maximum of five dollars, except in commercial subjects, for which see Commercial Course.

COMMERCIAL COURSE. Students taking the commercial course will pay a fee of ten dollars for full work or four dollars for each subject until the maximum is reached, in addition to the incidental fee.

LIBRARY SCIENCE. Students taking the course in library science will pay a fee of two dollars a subject up to a maximum of five dollars, in addition to the incidental fee.

DOMESTIC SCIENCE. Students taking the course in domestic science will pay a fee of two dollars a subject up to a maximum of five dollars, in addition to the incidental fee, and also in addition a laboratory fee for supplies actually consumed.

EXAMINATION. Students taking special final term examinations pay a fee of one dollar. See under Examinations above. Students regularly enrolled pay the regular examination fee of one dollar for the privilege of taking the COUNTY EXAMINATION under the supervision of the officers of the State Normal School. No credit is given for certificates of enrollment in county institutes.

REFUNDING FEES. Except as otherwise stated, the unused portion of fees will be refunded, or will be credited on future term, only in cases of protracted illness.

HOSPITAL FUND.

This fund is provided by the fee of fifty cents per year paid by all students in College and secondary courses. It is used to pay salary of the head nurse, for such emergency hospital supplies as are necessary, and for unavoidable expenses required for proper care of the sick. The hospital fund has met with generous approval and has contributed to better general health and to the comfort of the students.

The hospital fund is administered subject to the following rules:

1. That the responsibility of the nurse extends to the advising of students in cases of mild illness and to the care of more serious cases until other arrangements can be made.
2. That the building be called the "Normal Emergency Hospital," and the fund be designated "Emergency Hospital Fund."
3. That students will be taken from their rooms to the hospital only in cases of emergency.
4. That patients be cared for in the Emergency Hospital no longer

than the time necessary to communicate with their parents or friends and arrangements can be made for their safe removal.

5. That patients cared for in the hospital pay day charges at the rate of seventy-five cents a day. This will cover food and simple remedies, but includes neither doctor's fees nor prescriptions.

6. That patients in the Emergency Hospital may call the physician they prefer, and will then be under his care and that of the resident nurse until removed.

7. That cases of contagious diseases be not taken into the Emergency Hospital.

8. That a housekeeper be employed at the Emergency Hospital to care for the house and to furnish meals.

9. That the nurse may have certain hours within which she will make calls.

BOARD AND ROOMS.

Many students are paying as low as $3 for board in private families, while a very few pay as high as $4 a week.

Board in clubs costs from $2.50 to $3 per week. Those who board themselves reduce the cost about one-half. A careful comparison with the cost of living at other schools in the state shows that students demanding the same kind of accommodations live with as little expense here as at any of them. Every effort is made to reduce expenses to the minimum.

Rooms, unfurnished, $2 to $4 per month; furnished, $4 to $10 per month, according to size and conveniences.

It is not necessary to engage rooms before you come. It is always more satisfactory to see what you are engaging before you make definite arrangements.

There is a committee of the Faculty which inspects and investigates all conditions affecting boarding and rooming places. Places which they recommend are then placed on an approved list, which is on file in the General Office and at the disposal of students to aid in securing a favorable location. Men and women are not expected to room in the same houses except in special cases where it may appear expedient, and then permission for such exception must be obtained. In houses where women students are rooming suitable arrangements for the use of a parlor for the reception of guests must be made.

EMPLOYMENT.

Many of the students find opportunity to earn part of their expenses after being here long enough to become acquainted, and some are earning all their expenses. However, students should come prepared to pay their expenses for a reasonable time. Committees of the Young Men's and Young Women's Christian Associations render good service in finding employment for students. Specific inquiry with regard to this matter may be addressed to the secretaries of the associations—Miss Luella Taylor for the Young Women's, and Mr. ——— for the Young Men's.

SUMMER SCHOOL.

The summer term is designated the first term of the school year and work is organized in all departments as in the other terms. Credits may be made to apply on the regular course to cover one-fourth of a year's work. The library, laboratories and all buildings are open for the use of students. The fees are the same as for any other term. There are many special features arranged to meet the needs of teachers—teachers' review

courses, opportunities for observation in the Model School and in the Model District School, inspirational lectures, a full faculty of specialists, all affording a splendid opportunity for summer work.

POSITIONS AS TEACHERS.

The experience of the past few years has taught us that, with the increased demand for trained teachers, school boards and school principals are turning more and more to the Normal School with their inquiries for efficient teachers. At no time during the past year have there been available candidates with the necessary qualifications to meet all of the demands, and we have been able to place advantageously not only our graduates, but many experienced undergraduate teachers. The authorities of the School are glad to coöperate with school officers and to aid in the discriminating selection of good teachers for the schools. Correspondence, therefore, on this subject is welcome. Students, also, may be assured of our desire to render them courteous and intelligent service in finding positions. The enlargement of opportunity that comes to the growing teacher by attendance upon the State Normal School is by no means a small element of its value to the student. Address all inquiries to Vice President J. H. Glotfelter.

SPIRIT OF THE SCHOOL.

The spirit of the School has always been one of cordial and emphatic coöperation between teachers and students, and effort is made to foster such a spirit in every healthful way. Every encouragement is given to independent activity in student enterprises, while at the same time it is sought to give proper emphasis to that community of interests that joins all—Faculty and students—in one coherent whole. Every student should plan to be an active and helpful member of the school community, as well for his own sake as for the sake of others, and, in estimating his expenses, he should set aside definitely the amounts necessary—not large in the aggregate—for purchase of the lecture-course ticket, membership in the athletic association, class and literary society fees, subscription to student publications, and other phases of participation in the school life as a whole. There is no formal plan of discipline in the State Normal School. The students are an earnest, self-reliant, self-governing body of young men and women, to whom kindly suggestion along proper lines has the force of law, and who are intent upon self-improvement and the attainment of high ideals in conduct and life. The moral and social environment is one into which no young man or woman need hesitate to enter.

LECTURES.

A high-class lecture course of five or six numbers has for years been maintained under the general direction of a committee of the Faculty. These courses include from time to time the very best available talent on the American platform for concerts, readings and addresses, selected with special reference to the educational, artistic and inspirational value of their work to the student body. In addition to the regular lecture course, provision is made for addresses from time to time from men and women of note in all lines of intellectual activity on educational and other themes, and the presentation from the platform of the best in the various forms of artistic expression. The broadening of outlook, the stimulus to thought and the growth of appreciation as to fine art and its best forms of expression make the frequent opportunities that are given to hear men and

women, great in various lines of achievement, one of the most helpful features of school life.

STUDENTS' LOAN FUND.

The class of 1899 made a gift of $111.60 to be used as a fund for aiding students. The fund was put in the care of a board of trust composed of the president, vice president, and the head of the department of physics and chemistry. Students who are within one year of graduation have preference in securing loans. When their needs have been met other students may secure loans in order of seniority. The plan proved to be satisfactory and several other classes have added to the fund. Following is a statement of the fund to date:

Class of 1899	$111 60
Class of 1900	107 56
Class of 1901	141 65
Class of 1905	27 50
Class of 1908	235 00
Class of 1909	162 96
Class of 1910	170 00
Total gifts	$955 77
Interest accrued to April 1, 1911	344 49
Present value of the fund	$1,300 26

The making of loans is in the hands of the committee above mentioned, of which Prof T. M. Iden is treasurer. Students interested should report to him.

STUDENT ORGANIZATIONS.

DEBATE seems to have taken the lead, at least as regards the number of organizations. At present there are four separate societies for young men specially interested in this work, namely, the Alpha Senate, the Representative, the Jayhawker, and the Ingalls. The interstate debates are under the auspices of the Alpha Senate. For several years there has been held a dual debate with Iowa.

LITERARY SOCIETIES were the first student organizations effected in the School. Of these the Lyceum and the Philomathian remain in existence. The Literati and the Belles-Lettres have been discontinued. There are two societies organized exclusively for young women of College grade, the Omega and the Ionian. These meet once a week and take up all lines of literary work.

DRAMATIC ART is managed by the department of Oral English and each year a play of high order is put on in a manner that only long and careful training makes possible.

THE ORATORICAL ASSOCIATION is organized on a College basis. The nucleus of the organization is composed of four members from each of the four College classes, who are elected by the classes early in the second term. These sixteen members then constitute the body which elects other members. Any member of the School is eligible upon election and compliance with the constitution. This Association has charge of the local oratorical contests, and the interstate, when the latter is held in Emporia. The record of the contestants from this School is a good one. Of the fifteen contests in which our representatives have taken part in the Interstate Normal League, they have been awarded four firsts, six seconds, two

thirds, one fourth and two fifths. The Association was represented in the Interstate Normal contest at Cape Girardeau, Mo., by C. O. Hornbaker, who was awarded fifth place. The contest for 1912 will be held in Emporia.

MUSICAL ORGANIZATIONS are maintained and are under the general direction of members of the Music Faculty.

THE ATHLETIC ASSOCIATION is composed of students, with a board of directors made up of student and Faculty members, and meets regularly once a month. Students who are members of the Association are entitled to participate in all athletic sports of the School. This includes football, baseball, basket-ball, track and tennis, and is all under the direction of the physical training department.

THE STATE NORMAL BULLETIN is a student publication issued weekly from September to June. The editor, associate editor and two business managers are elected by the student subscribers.

Y. M. C. A. AND Y. W. C. A. These are active and earnest organizations. Each maintains devotional meetings on Sunday, brief daily prayer meetings, and gatherings from time to time of a social nature; in short, every phase of committee work characteristic of these organizations is developed in such a way as to make them most helpful factors in the personal, social and religious life of the School. The Young Women's Christian Association maintains a resident secretary, and the Young Men's Christian Association joins with the Associations of the other schools of Emporia to support a resident secretary. Both organizations have student employment committees that have been very successful in aiding students who wish opportunities for self-help.

Entrance Requirements and Credits.

COUNTY CERTIFICATE WORK.

1. Students who hold third-grade certificates, or other students over sixteen years of age without high-school credits or other credentials of advanced work, who are candidates for county certificates, and who present sufficient evidence of ability to carry the work, may be assigned to classes especially organized in the branches required for the county certificate examination instead of to the regular classes of the first year of the Normal secondary course. These classes will be organized with a view to the completion of a half unit of credit in each subject, the credits being equivalent, term for term, to the credits made in the regular classes of the Normal secondary course. In the first and fifth terms, teachers' review classes will be organized without promise of credit in the county certificate subjects, including those required for professional and first-grade certificates, for those wishing to take ten-weeks courses to prepare for examination. Following is a suggested order of subjects for those wishing to devote the first week of their Normal secondary course to county certificate preparation:

FIRST SEMESTER.	SECOND SEMESTER.
Arithmetic 1cc.	Physiology 1.
Penmanship 1.	Reading 1.
Grammar and Classics 2cc.	Political Geography 2cc.
American History 1cc.	Rural School Administration 1cc., or Kansas History and Civics.

NORMAL SECONDARY FOUR-YEAR COURSE.

2. Students who hold county diplomas, or who present other credentials indicating the completion of eighth-grade work, will be admitted to the first year of the Normal secondary course of four years.

NORMAL SECONDARY TWO-YEAR COURSE.

3. Students of maturity and experience in teaching, holding certificates of second grade and above, will be admitted to the Normal secondary course of two years for advanced certificate students in all branches in which their certificates or other credentials reveal sufficient proficiency to justify the expectation of strong work. The evidence of this proficiency may be furnished by candidates who desire it by an entrance examination in the second-grade certificate branches. In general, the standard required in a given subject will be a grade of at least eighty per cent upon the second-grade certificate. Holders of professional and first-grade certificates will be admitted to these classes without condition.

NORMAL COLLEGE TWO-YEAR AND FOUR-YEAR COURSES.

4. Graduates of approved four-year high-school courses, completing the required units of the Normal secondary course or their equivalents, will be admitted to the first year of the Normal College, and may complete the course leading to the life diploma in two years, or to the life diploma and the degree in four years.

KINDERGARTEN COURSE.

5. Graduates of approved four-year high-school courses, or their equivalent, with ability to play the piano, and to sing and read music, will be admitted to the Normal kindergarten course, and may complete the course in two years.

PARTIAL CREDITS AND ADVANCED STANDING.

6. Students having partial credits in high-school courses will be classified according to their credits in the Normal Secondary course, and candidates for advanced standing from other normal schools and colleges will be given credit upon such approved work as is shown to be equivalent to the work included in the various Normal courses.

Diplomas and Certificates.

ONE-YEAR CERTIFICATE.

A one-year state certificate is granted to such students of the State Normal School as apply for it, who have been at least twenty weeks in attendance and have completed successfully all the work designated as required for state certificate in either the Normal Secondary course of four years or the Normal Secondary course for advanced certificate students. This certificate is not renewable.

The prescribed units for the one-year certificate of the four-year Normal Secondary course are as follows: English, three units; algebra, one unit; geometry, one unit; arithmetic, one unit; history, two units, one of which must be American history; civics, one-half unit; botany, one unit; geography, one unit; physics, one unit; physiology, one-half unit; drawing, one unit; music, one-half unit; reading, one-half unit; bookkeeping and penmanship, one unit; psychology, one-half unit; school management, one-half unit.

THREE-YEAR CERTIFICATE.

A three-year state certificate may be issued upon completion of one year of work of the life-diploma course, after all the requirements for the one-year state certificate have been met. This year of work must include two hours of credit in either methods or school administration, four hours of psychology, and four hours in teaching. This certificate is not renewable.

MANUAL-TRAINING CERTIFICATE.

The manual-training certificate issued by the Kansas State Board of Education is granted by them to holders of any valid teacher's certificate who have completed courses 1*a* to 8*a* or equivalent, and have completed the requirements for course 9 and the practice teaching in manual training.

KINDERGARTEN CERTIFICATE.

On completion of the Kindergarten course—a course of two years, presupposing high-school graduation or its equivalent—a diploma is issued which, in accordance with a law passed by the legislature of 1907, is a certificate valid for Kindergarten work in the state of Kansas. The Kindergarten certificate is not valid for teaching primary work unless accompanied by a valid teacher's certificate.

LIFE CERTIFICATE.

On completion of the two-year Normal College course a diploma is issued which, without any further inspection or approval, is a life certificate to teach in the public schools of Kansas, including those of all classes of cities and high schools. Students completing the work in any term of the year are entitled at once to the legal privileges incident to graduation; but, except those completing work in August, are listed with the class of the succeeding June and their diplomas are usually issued at the June commencement. Students completing the work in August will be classed

with the class of the preceding June. The roll of the class for graduation is made up at the beginning of the fifth term, nine weeks prior to commencement, and all work except such as is included on the class permit for that term must be completed by that time in order that students may be listed for graduation with the class. Candidates for August graduation should be listed as such one week prior to the commencement exercises in June.

DIPLOMA AND DEGREE.

The completion of the four-year Normal College course entitles the graduate to a diploma and the degree of bachelor of arts (in education). The diploma has the same legal force as a life certificate as the diploma of the two-year Normal College course.

No diploma is granted for less than a year's residence.

Definite arrangements have already been made for the acceptance of students completing this course as graduate students and candidates for higher degrees in representative universities ranking among the very best of this country.

Courses of Study.

The courses of study in the State Normal School are:

I. THE NORMAL SECONDARY COURSE OF FOUR YEARS.

To the first year of which are admitted students holding county diplomas or presenting other credentials indicating the completion of eighth-grade work. This course includes sixteen year-units of work, of which eleven are required, five may be elective; but students who are candidates for the one-year state certificate given upon completion of this course must take the sixteen prescribed units. See under "One-year Certificate."

II. THE NORMAL SECONDARY COURSE OF TWO YEARS.

For advanced certificate students, parallel with the Normal Secondary course of four years, and including the same subjects. This course of two years is open to second-grade certificate students or other students of equivalent maturity. The work is so arranged that approximately the requirements of the one-year unit in the Normal Secondary course in the various subjects can be met in a semester. The one-hour recitation period is used as in the Normal College classes, and a credit of sixty-four semester hours, or sixteen hours for each semester, is required for its completion. Students satisfactorily completing this course, including the required subjects, are also entitled to a one-year state certificate.

Holders of first-grade and professional certificates may be given a conditional half credit in the required semester's work in arithmetic, geography, American history and English grammar if their certificate grades in these subjects are over ninety per cent, but in no case is a full credit given on any subject on the basis of the grade on a county teachers' certificate.

III. THE NORMAL COLLEGE COURSE OF TWO YEARS.

Leading to the life diploma. Including the four-hour requirement in physical training, sixty-four semester hours' credit is required for the completion of this course. The subjects included are as follows: General psychology, four hours; child psychology, two hours; methods, two hours; teaching, six hours; history of education, two hours; biology, four hours; physiology, two hours; physical training theory, two hours; geography, two hours; English, four hours; elocution and public speaking, four hours; American history, two hours; drawing, two hours; music, two hours; elective, twenty hours.

IV. THE NORMAL COLLEGE COURSE OF FOUR YEARS.

Leading to the life diploma and the degree of bachelor of arts (in education). Including the four-hour requirement in physical training, a credit of one hundred and twenty-four semester hours is required for graduation. Of this credit thirty hours must be in some selected major, and fifty-eight is prescribed in general pedagogy and other departments as follows: Psychology and philosophy, ten hours; methods or school ad-

ministration, four hours; teaching, eight hours; history of education, six hours; biology, four hours; physical science, four hours; physical training theory, two hours; physical training, four hours; mathematics, four hours; English, six hours; public speaking, two hours; history, four hours. The remaining work is free elective.

MAJOR. The thirty hours of major work may be in one department or, by consent of the heads of departments concerned, in courses grouped from two or more related departments. In departments in which there is a certain amount of prescribed work for all students the prescribed work is considered as included in the thirty hours of the major, except in general pedagogy where twenty hours in addition to the work above prescribed is regarded as completing a major. The head of the department in which most of the major work is to be done is regarded as the advisor of the student in the choice and arrangement of electives.

V. THE NORMAL KINDERGARTEN COURSE.

Students completing two years, sixty-four hours, of selected work above the Normal Secondary course in kindergarten theory and practice and related subjects will be entitled to the Kindergarten diploma, which by law is a certificate valid for Kindergarten in the state of Kansas.

Of this sixty-four hours the subjects included are as follows: Psychology, six hours; history of education, four hours; methods, four hours; music, two hours; drawing, four hours; physical training, two hours; biology, four hours; English, two hours; library science, two hours; kindergarten, eighteen hours; twelve hours' additional work must be elected. Students may by proper election complete the work for the one-year or the three-year state certificates at the time of completing the Kindergarten course.

The completion of the following courses in addition will entitle the student who has met the above certificate requirements to the four-year life diploma as well as the Kindergarten diploma: Physiology, two hours; elocution, two hours; geography, two hours; American history, two hours; public speech, two hours; English, two hours.

DEFINITION OF CREDIT.

A course carried for twenty weeks, or one semester, in the Normal Secondary course of four years gives one-half unit credit. A course carried for ten weeks, or one term, in College courses gives a two-hour credit. A course carried for twenty weeks in the College courses gives a four-hour credit.

Students completing the work of the Normal Secondary course or its equivalent, and high-school graduates presenting sixteen approved units of credit, are admitted to the first year of either of the above Normal College courses. Students admitted to the Normal College courses who have not completed in the Normal Secondary course all the units prescribed for the one-year certificate are required to do equivalent work in College classes in the same subjects. This work will be counted as College credit, but the requirement will operate to reduce the number of hours of elective work that may be taken in the Normal College course.

THE NORMAL SECONDARY COURSE OF FOUR YEARS.

Arranged by years, with suggested groups of electives.

	First year.	Second year.	Third year.	Fourth year.
Required for all courses.	English 2 and 3. Algebra 1 and 2. Botany 1 and 2. *English 1.	English 4 and 5. Geometry 1 and 2. General History 1 and 2. †Library Science 1.	English 6. Arithmetic 1. Physiology 2. Geography 1. American Hist. 1 and 2.	English 7. Physics 1 and 2. Civics 1.
Additional for one-year certificate course.	Penmanship 1. Bookkeeping 1.	Drawing 1. Reading 1.	Drawing 2. Music 1.	Psychology 1. Sch. Adm. 1, or Methods 1. Geography 2. Arithmetic 2.
Additional for Latin course.	Latin 1 and 2.	Latin 3 and 4.	Latin 5 and 6.	Latin 7 and 8.
Additional for modern language course.	German 1 and 2, or French.	German 3 and 4, or French.	German 5 and 6, or French.	German 7 and 8, or French.
Additional for speech arts course.		Reading 1.	Reading 2.	Debating. Lit. Soc. and Par. Law.
Additional for commercial course.	Penmanship 1. Bookkeeping 1.	Typewriting 1. Com. Arith. 1.	Stenography 1 and 2.	Com. Geog. 1. Com. Law 1.
Additional for scientific course.		Zoology 1 and 2.	Botany 3 (Agricultural). School Science 1. (Nature Study).	Chemistry 1.
Additional for mathematical course.			Algebra 3 and 4.	Geometry 3.
Additional for manual training or domestic science course.	Manual Tr. 1 and 2 (Drawing and Design). Household Art 1.	Manual Tr. 3 and 4 (Woodworking). Household Art 2.	Manual Tr. 5 and 6 (Joinery and Cabinet Making). Household Art 3.	Manual Tr. 7 and 8 (Wood Carving). Household Science 1 and 2.
Additional for history course.		General Hist. 4 and 5.	General Hist. 8 and 9.	General Hist. 6 and 7.

*Required of all students, and including two recitations weekly for a term. Not formally listed for credit.

†Library science 1, one recitation weekly for a term.

NORMAL SECONDARY COURSE FOR ADVANCED CERTIFICATE STUDENTS.

Arranged by semesters, with suggested groups of electives.

	First semester.	Second semester.	Third semester.	Fourth semester.
Required for all courses.	English 2*a* and 2*b*. Algebra 1*a* and 2*a*. Botany 1*a* and 2*a*. * English 1.	English 3*a* and 4*a*. Geometry 1*a* and 2*a*. † Library Science 1. Gen. Hist. 1*a* and 2*a*.	Arithmetic 1*a*. Physiology 2*a*. Geography 1*a*. Amer. Hist. 1*a* and 2*a*. English 5*a*. (1)	English 5*a*. (2) Physics 1*a* and 2*a*. Gov't 1*a*.
Additional for one-year certificate course.	Penmanship 1*a*. Bookkeeping 1*a*.	Reading 1*a*. Drawing 1*a*.	Drawing 2*a*. Music 1*a*.	Psychology 1*a*. Sch. Adm. 3, or Methods 1*a*. Arith. 2*a*. Geography 2*a*.
Additional for Latin course.	Latin 1*a*.	Latin 2*a*.	Latin 3*a*.	Latin 4*a* (5*a* and 6*a*).
Additional for modern language course.	German 1*a*, or French.	German 2*a*, or French.	German 3*a*, or French.	German 4*a* (5*a* and 6*a*), or French.
Additional for speech arts course.		Reading 1*a*. Oral Comp.	Reading 2*a*.	Debating. Lit. Soc. and Par. Law.
Additional for commercial course.	Penmanship 1*a*. Bookkeeping 1*a*.	Typewriting 1*a*. Com. Arith. 1*a*.	Stenography 1*a* and 2*a*.	Com. Geog. 1*a*. Com. Law 1*a*.
Additional for scientific course.		Zoology 1*a* and 2*a*.	Botany 3*a* (Agricultural). School Science 1*a* (Nature Study).	Chemistry 1*a*.
Additional for mathematical course.			Algebra 3*a* and 4*a*.	Geometry 3*a*.
Additional for manual-training or domestic science course.	Man. Tr. 1*a* and 2*a* (Drawing and Design). Household Art 1*a* and 2*a*.	Man. Tr. 3*a* and 4*a* (Woodworking). Household Art 3.	Man. Tr. 5*a* and 6*a* (Joinery and Cabinet Making). Household Science 1*a* and 2*a*.	Man. Tr. 7*a* and 8*a* (Wood Carving). Household Science 7 or 9.
Additional for history course.		General Hist. 4*a* and 5*a*.	General Hist. 8*a* and 9*a*.	Gen. Hist. 6*a* and 7*a*.

* Required of all students, and including two recitations weekly for a term. Not formally listed for credit.

† Library science 1. One recitation weekly for a term.

NORMAL COLLEGE TWO-YEAR COURSE.

Arranged by semesters.

First semester.	Second semester.	Third semester.	Fourth semester.
Methods 1*a*, or School Administration 1*a* or 3. Teaching 1.	Psychology 2 and 3.	Teaching 2 and 3.	Psychology 4. History of Ed. 1.
Zoology. Elect 1 or 1*a*, 2 or 2*a* or 3 or 3*a* to go with 4. Botany 3.	Physiology 3. Physical Training 1.	Geography 4. Elect 1 course from 4, 7, 10 of American History, or Government 4 or 6. Physical Training 2.	English 8, and 1 course from 9, 13, 14, 15, 16.
Oral English 3. Physical Training 2.	Drawing 3. Physical Training 2.	Public Speech. Elect 1 course from 4, 5, 7, 11 or 15.	Music 2. Physical Training 2.
Electives. 5 hours.	Electives. 5 hours.	Electives. 5 hours.	Electives. 5 hours.

NORMAL COLLEGE FOUR-YEAR COURSE.

Suggested arrangement by semesters.

	First semester.	Second semester.	Third semester.	Fourth semester.
General.	Zoology. Elect 1 or 1*a*, 2 or 2*a*, or 3 or 3*a* to go with 4, or 4 and Botany 3. Physical Tr. 2.	Physical Tr. 1. Algebra 3. Physical Tr. 2.	Public Speaking. Elect 1 course from 4, 5, 7, 11 or 15. History 2 hours, either American or European. Physical Tr. 2.	English 8 and 9 or 10. Physical Tr. 2.
Pedagogy.	School Administration 3. Teaching 1.	Psychology 2 and 3.	Teaching 2 and 3.	Psychology 4. History of Education 1.
Major.	4 hours.	4 hours.	4 hours.	4 hours.
Elective.	3 hours.	3 hours.	3 hours.	3 hours.
	Fifth semester.	Sixth semester.	Seventh semester.	Eighth semester.
General.	English 9 or 10. Trigonometry 1.	4 hours from Chemistry 1, 2, 3, 4, 5, and Physics 2, 3, 4.	History 2 hours, either American or European.	
Pedagogy.	School Adm. Elect 1 course from 2 to 8 inclusive. Psychology. Elect 1 course from 5 to 12 inclusive.	History of Ed. Elect 2 courses from 2 to 12 inclusive.	Philosophy of Ed. 1.	Teaching 4.
Major.	4 hours.	4 hours.	3 hours.	3 hours.
Elective.	3 hours.	3 hours.	8 hours.	10 hours.

KINDERGARTEN COURSE OF TWO YEARS.

Arranged by semesters.

First semester.	Second semester.	Third semester.	Fourth semester.
Botany 1*a*.	Psychology 2.	Psychology 3.	History of Education 1.
Library Science 5.	Drawing 1.	Zoology 1*a*.	English 14.
Music 4.	Drawing 2.	Psychology 4.	History of Education 3.
Principles and Method in Kindergarten 1.	Methods 3.	Methods 1*a*.	Physical Training 1.
	Principles and Method in Kindergarten.	Theory and Practice in Kindergarten.	

Kindergarten technics one hour per week during first and second semesters.

Froebel's educational theory one hour per week during third and fourth semesters.

Study of the kindergarten program one hour per week during the first, second, third and fourth semesters.

Additional to secure the life diploma as well as the kindergarten diploma: Physiology 3, elocution 3, geography 4, American history 4, 7 or 10, public speech 4, 5, 7, 11, 15, English 8.

Arts.

DRAWING.

Normal Secondary Course.

Required. For one-year state certificate and all life-diploma courses.

Course 1. Free-hand drawing.

Course 2. Free-hand drawing, advanced, or

Courses 1*a* and 2*a*. Free-hand drawing for advanced certificate students.

Elective (none).

Normal College Two-year Course.

Required.

Course 3. Free-hand drawing and water colors, 2 hours.

Elective.

Course 4. Drawing and handwork for primary teachers, 4 hours, third and fourth terms.

Course 5. Picture-study in the grades, 2 hours, fifth term.

Course 6. Methods, 2 hours.

Course 7. Design, 4 hours.

Course 8. History of painting, 4 hours.

Course 9. History of architecture, 2 hours.

Course 10. History of sculpture, 2 hours.

Course 11. Clay modeling, 2 hours.

Course 12. Advanced clay modeling, 2 hours.

Course 13. Charcoal, and monochrome wash drawing, from the cast and still life, 4 hours.

Course 14. Water-color landscape, fruit, flowers, and still life, 4 hours.

Course 15. Mechanical perspective, 2 hours.

Course 16. Basketry, 2 hours.

DRAWING—*continued:*

Normal College Four-year Course.

Required (none).

Elective. All courses elective in the Normal College two-year course.

Required for special certificate, courses 1 to 6, inclusive.

Required for a major in drawing, above requirement for life-diploma course, courses 6, 7, 8, 9, 13, 14, 15 and course 1*a* in manual training. The student is free to select from the other courses to complete the major.

HOME ECONOMICS.

Normal Secondary Course.

Required (none).

Elective.

Household Art.

Course 1. Hand sewing.
Course 2. Machine work.
Courses 1*a* and 2*a* for advanced certificate students.

Household Science.

Course 1. Food study.
Course 2. Serving.
Courses 1*a* and 2*a* for advanced certificate students and housekeepers.

Normal College Two-year Course.

Required (none).

Elective.

Household Art.

Course 3. Hand sewing.
Course 4. Drafting, designing, machine.
Course 5. Dressmaking.
Course 6. Art needlework.
Course 7. Millinery.
Course 8. Methods and practice teaching.
Course 9. Textiles.

Household Science.

Course 3. Selection and preparation of foods.
Course 4. Economic uses of foods.
Course 5. Invalid cookery.
Course 6. Serving.
Course 7. The house.
Course 8. Methods and practice teaching.
Course 9. Home nursing.
Course 10. Household management.

MANUAL TRAINING.

Normal Secondary Course.

Required (none).

Elective.

Course 1. Mechanical drawing.
Course 2. Constructive design.
Course 3. Elementary woodwork.
Course 4. Advanced woodwork.
Course 5. Joinery.
Course 6. Cabinet making.

MANUAL TRAINING—*continued:*

Normal Secondary Course.

Elective.

Course 7. Wood turning.
Course 8. Advanced wood turning.
Course 10. Wood carving.
Course 11. Advanced wood carving.
Courses 1*a* to 8*a* and 10*a* and 11*a* corresponding to the above for advanced certificate students, 2 hours each.

Normal College Two-year Course.

Required (none).
Elective.
Courses 1*a* to 8*a*, and
Course 9. Theory and practice, 2 hours.
Course 10. Wood Carving.
Course 11. Advanced wood carving.

Normal College Four-year Course.

Required (none).
Elective.
Courses 1*a* to 8*a*, and
Courses 9, 10 and 11 as described above.

Manual Training Certificate.

Required.
A valid certificate to teach.
Manual training courses 1 to 9, or 1*a* to 8*a* and 9.
Practice teaching in manual training in the Model School.

Elective.
Candidates for grade certificates may substitute clay modeling and basketry (drawing courses 11 and 16) for advanced work in wood, and courses 10 and 11 manual training for courses 7 and 8.

Biological Sciences.

BIOLOGY AND GEOLOGY.

Normal Secondary Course.

Required.

Physiology.

Course 2. General physiology. Given each semester.
Course 2*a*. General physiology. Given each term.

Plant Biology.

Course 1. Field botany. Given second and fifth terms.
Course 1*a*. Field botany. Given first, second and fifth terms.
Course 2. Plant life. Given third and fourth terms.
Course 2*a*. Plant life. Given third and fourth terms.

Elective.

Physiology.

Course 1. Elementary physiology. Given each semester.

Plant Biology.

Course 3. Agricultural botany.
Course 3*a*. Agricultural botany.

BIOLOGY AND GEOLOGY—*continued:*

Normal Secondary Course.

Elective.

School Science.

Course 1. Nature study. Offered second term.
Course 1*a*. Nature study. Offered first term.

Zoölogy.

Course 1. Agricultural zoölogy. Given first semester.
Course 1*a*. Agricultural zoölogy. Given second and fifth terms.
Course 2. Field zoölogy. Given second and fifth terms.
Course 2*a*. Field zoölogy. Given second and fifth terms.
Course 3. Animal life. Given third and fourth terms.
Course 3*a*. Animal life. Given third and fourth terms.

Normal College Two-year Course.

Required. 6 hours.

Physiology.

Course 3. General physiology, 2 hours. Given each term.

Zoölogy.

Courses 1 or 1*a* and 4 (agricultural and systematic) 4 hours, or
Courses 2 or 2*a* and 4 (field and systematic), 4 hours, or
Courses 3 or 3*a* and 4 (animal life and systematic), 4 hours, or
Course 4 and course 3*a* of botany, when zoölogy has been elected in the Normal Secondary course or in an accredited high school. Course 4 zoölogy will be given each term during the year; course 3*a* botany will be given each term.

Elective.

Subjects elected in the secondary course which may be counted for graduation in the College two-year course, 8 hours.

School Science.

Course 1. Nature study. 2 hours. Given first term.

Zoölogy.

Course 1 or 1*a*. 1*a* is given second and fifth terms.
Courses 2 or 2*a*. 2*a* is given second and fifth terms.
Courses 3 or 3*a*. 3*a* is given third and fourth terms.

Geology.

Courses 1 and 2. General geology, 4 hours. Given first, second and third terms.

Normal College Four-year Course.

Required. 4 hours.

Zoölogy.

Courses 1 or 1*a* and 4, 4 hours, or
Courses 2 or 2*a* and 4, 4 hours, or
Courses 3 or 3*a* and 4, 4 hours, or
Course 4 and course 3 of botany, 4 hours.

Elective. Twenty-six hours may be counted for graduation in two- or four-hour courses as indicated.

Animal Biology.

Course 5. Embryology and development, 2 hours. Given fourth term.
Course 6. Evolution, 2 hours. Given fifth term.

BIOLOGY AND GEOLOGY—*continued:*

Normal College Four-year Course.

Elective.

Geology.

Courses 1 and 2. General geology, 4 hours. Given first, second and third terms.

Courses 3 and 4. Geology of Kansas, 4 hours. Given fourth and fifth terms.

Physiology.

Course 3. General physiology, 2 hours. Given each term.
Course 4. Alimentation, 2 hours. Given second term.
Course 5. Personal hygiene, 2 hours. Given third term.
Course 6. Bacteriology, 2 hours. Given fourth or fifth term.

Plant Biology.

Course 4. Cryptogams and phanerogams, 2 hours. Given first and second terms. May be counted when course 5 has been taken.

Course 5. Phylogenetic development, 2 hours. Given first and second terms.

Course 6. Structures and evolution, 2 hours. Given third term.

School Science.

Course 1. Nature study, 2 hours. Given first term.
Course 2. History of science, 2 hours. Given fourth term.
Course 3. Science teaching, 2 hours. Given fifth term.

Zoölogy.

Course 1*a*, 2 hours. Given second and fifth terms.
Course 2*a*, 2 hours. Given first, second and fifth terms.
Course 3*a*, 2 hours. Given third and fourth terms.

Electives from other departments, 8 hours: General chemistry 4 hours; advanced general psychology, 4 hours.

Commerce.

Normal Secondary Course.

Required. For one-year state certificate and all life-diploma courses.

Bookkeeping.

Course 1. Course 1*a*. For advanced certificate students.

Penmanship.

Course 1. Course 1*a*. For advanced certificate students.

Elective.

Bookkeeping.
Course 2.
Course 3.
Course 4.
Course 2*a*.
Course 3*a*.
Course 4*a*.

Commercial Geography.
Course 3.
Course 3*a*.

Commercial Law.
Course 1.
Course 2.
Course 1*a*.
Course 2*a*.

Elective.

Stenography.
Course 1.
Course 2.
Course 3.
Course 4.
Course 1*a*.
Course 2*a*.
Course 3*a*.
Course 4*a*.

Typewriting.
Course 1.
Course 2.
Course 1*a*.
Course 2*a*.

Normal College Two-year Course.

Required (none).

Elective. Any work of the secondary course not previously taken and

Penmanship.
Course 2. 1 hour.

Typewriting.
Course 3. 2 hours.

Normal College Four-year Course.

Required (none).

Elective. Any work of the secondary course not previously taken and

Accounting.
Course 5. 2 hours.
Course 6. 2 hours.
Course 7. 2 hours.
Course 8. 2 hours.

Business Organization.
Course 1. 2 hours.

Commercial Law.
Course 3. 4 hours.

Commercial and Financial History.
Course 1. 4 hours.
Course 2. 4 hours.

Penmanship.
Course 2. 1 hour.

Stenography.
Course 5. 2 hours.

Transportation.
Course 1. 4 hours.

Typewriting.
Course 3. 2 hours.

Students who major in commerce may select a part of their major studies from the department of economics and political science, such selections to be made under direction of the head of the department of commerce.

English.

Normal Secondary Course.

Required. 3 units.

Course 1. Mechanics in English. No credit.
Course 2*cc*. English grammar and classics.
Course 2. Progressive course in English, part I, and reading course.
Course 3. Progressive course in English, part I finished, and reading course.
Course 4. Progressive course in English, part II, and reading course.
Course 5. Progressive course in English finished, and English grammar.
Course 6. History of literature.
Course 7. History of literature.

Normal Secondary Course for Advanced Certificate Students.

Required.

Course 2*a*. English classics, 2 hours.
Course 2*b*. English grammar, advanced, 2 hours.
Course 3*a*. English composition, 2 hours.
Course 4*a*. Rhetoric and composition, 2 hours.
Course 5*a*. History of literature and reading course, 4 hours.

Normal College Two-year Course.

Required.

Course 8. Rhetoric and composition, 2 hours, and
Course 9. Drama, with special reference to Shakespeare, unless taken in Department of Speech Arts. One-half course. 2 hours, or
Course 13. The short story. A reading and constructive course. 2 hours, or

Normal College Two-year Course.

Required.

Course 14. Myth and story. Arranged to correlate with kindergarten and primary work. 2 hours, or

Course 15. English language. Teachers' training course. 2 hours, or

Course 16. Literature. Selected to correlate with nature study and with history for teachers of grammar grades. 2 hours.

Elective (with the sanction of the head of the department).

Course 10. Nineteenth century literature, 4 hours.

Course 11. Rhetoric—literary composition, 2 hours, or theme work, 2 hours.

Course 12. Rhetoric—logical composition, 2 hours.

Course 17. Rise and development of English drama previous to Shakespeare. Seminar. 4 hours.

Course 18. Lyric poetry. Seminar. 4 hours.

Course 19. Epic poetry. Will correlate with Latin and German courses. Seminar. 4 hours.

Course 20. History and development of the modern essay, 4 hours

Course 21. Literary study of the Bible, 1 hour.

Course 22. American literature. Seminar. 3 hours.

Course 23. Alfred Tennyson. Seminar. 2 hours.

Course 24. Robert Browning. Seminar. 2 hours.

Course 25. Rise and development of the English novel. Seminar. 4 hours.

Course 26. Chaucer. Seminar. 4 hours.

Normal College Four-year Course.

Required.

Course 8. Rhetoric and composition, 2 hours, and

Course 9. Drama, with special reference to Shakespeare, unless taken in the Department of Speech Arts, 4 hours, or

Course 10. Nineteenth century literature, 4 hours.

Elective.

Courses 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, as described under the Normal College two-year course.

Students electing English as a major are requested to arrange their course with the head of the department at an early date.

General Pedagogy.

GENERAL AND APPLIED METHODS.

Normal Secondary Course.

Required. For one-year state certificate and all life-diploma courses.

Course 1. General methods, or school administration 1.

Course 1*a*. General methods, or school administration 3. For advanced certificate students.

Normal College Two-year Course.

Required.

Course 1*a*. General methods, if school administration has been taken in Normal Secondary course.

Elective.

Course 2. Primary methods.

Course 3. Kindergarten methods.

GENERAL AND APPLIED METHODS—*continued:*

Normal College Four-year Course.

Required.

Course 1*a*. General methods, if school administration has been taken in Normal Secondary course.

Elective.

Course 2. Primary methods.

Course 3. Kindergarten methods.

HISTORY OF EDUCATION.

Normal Secondary Course.

Required (none).

Elective (none).

Normal College Two-year Course.

Required.

Course 1. History of education, 2 hours.

Elective.

Course 2. History of education, advanced, 2 hours.

Course 3. Evolution of primary education, 2 hours.

Course 4. History of modern secondary education, 2 hours.

Course 5. Greek and Roman life and education, 2 hours.

Course 6. German and French life in the 19th and 20th centuries, 2 hours.

Course 7. Evolution of foreign school systems, 2 hours.

Course 8. History of education in the United States, 2 hours.

Course 9. Greek and Roman thoughts on education, 2 hours.

Course 10. Continental educational thought, 2 hours.

Course 11. English and American educational thought, 2 hours.

Course 12. Current educational literature.

Normal College Four-year Course.

Required.

Course 1. History of education, 2 hours, and two courses from courses 2 to 12, inclusive.

Elective. Other courses from 2 to 12, inclusive, not elected, to make requirement of six hours.

PSYCHOLOGY AND PHILOSOPHY.

Normal Secondary Course.

Required. For one-year state certificate and all life-diploma courses.

Course 1. Elementary psychology.

Course 1*a*. Elementary psychology.

Elective (none).

Normal College Two-year Course.

Required.

Courses 2 and 3. General psychology, 4 hours.

Course 4. Child psychology, 2 hours.

Elective.

Psychology.

Course 5. Comparative psychology, 2 hours.

Courses 6 and 7. Advanced psychology, 4 hours.

Course 8. Psychology of religion, 2 hours.

Course 9. Social psychology, 2 hours.

Course 10. Psychology of adolescence, 4 hours.

Course 11. Abnormal psychology, 2 hours.

Course 12. Applied psychology, 2 hours.

PSYCHOLOGY AND PHILIOSOPHY—*continued:*

Normal College Two-year Course.

Elective.

Philosophy.

Course 1. Philosophy of education, 2 hours.
Course 2. History of ancient philosophy, 2 hours.
Course 3. History of modern philosophy, 2 hours.
Course 4. Philosophical systems, 2 hours.
Course 5. Problems in modern philosophy, 2 hours.
Course 6. Logic, deductive and inductive, 2 hours.
Course 7. Ethics, 2 hours.
Course 8. Metaphysics, 2 hours.

Normal College Four-year Course.

Required.

Psychology.

Courses 2 and 3. General psychology, 4 hours.
Course 4. Child psychology, 2 hours.

Philosophy.

Course 1. Philosophy of education, 2 hours, and one course from the electives in the Normal College two-year course, of 2 hours, to make up the 10 hours required in psychology and philosophy.

Elective.

Any courses in psychology and philosophy not previously elected.

SCHOOL ADMINISTRATION.

Normal Secondary Course.

Required.

Course 1. If course 1, general methods, is not taken.
Course 3. If methods 1*a* is not taken.

Elective.

Course 1. Rural school administration.
Course 2. School law.
Course 3. Grades school administration. For advanced certificate students.

Normal College Two-year Course.

Required.

Course 1. Rural school administration, 2 hours, or
Course 3. Grades school administration, if general methods has been elected in secondary course.

Elective.

Course 2. School law, 2 hours.
Course 3. Grades school administration, 2 hours.
Course 4. School supervision, 2 hours.
Course 5. Problems of secondary schools, 2 hours.
Course 6. Foreign school systems, 2 hours.
Course 7. American school systems, 2 hours.
Course 8. Needed school legislation.

Normal College Four-year Course.

Required.

Course 3. Grades school administration, 2 hours, and one course from courses 1, 2, 4, 5, 6, 7, 8.

Elective.

Courses 1, 2, 4, 5, 6, 7, 8.

TEACHING.

Normal Secondary Course.

Required (none).

Elective (none).

Normal College Two-year Course.

Required.

Courses 1, 2 and 3, 2 hours each.

Elective (none).

Normal College Four-year Course.

Required.

Courses 1, 2, 3 and 4, 2 hours each.

Elective (none).

Geography.

Normal Secondary Course.

Required for one-year state certificate and all life-diploma courses.

Course 1. Physiography. Given each semester, or

Course 1*a*. Physiography. For advanced certificate students.

Course 2. Political geography. Given each semester.

Course 2*a*. Political geography. For advanced certificate students.

Elective.

Course 3. Commercial geography. Given each semester.

Course 3*a*. Commercial geography. For advanced certificate students.

Normal College Two-year Course.

Required.

Course 4. Intensive study of Europe, 2 hours. Given each term.

Elective.

Course 5. Advanced physiography, 2 hours. Given each term.

Course 6. Meteorology, 2 hours.

Course 7. Ethnology, 2 hours.

Course 8. Climatology, 2 hours.

Normal College Four-year Course.

Required (none).

Elective. (12 hours may be counted for graduation.)

Courses 3 to 8, inclusive, as described above.

Additional subjects to complete the major in this department may be elected, as advised, from the departments of American history, European history, biology and geology and physics and chemistry.

History.

AMERICAN HISTORY AND GOVERNMENT.

Normal Secondary Course.

American History.

Required.

Course 1. 1492-1800.

Course 1*a*. 1492-1800.

Course 2. 1800-1900.

Course 2*a*. 1800-1900.

Elective.

Course 4. 1492-1607.

Course 7. Social, economic and institutional history of the American colonies.

Course 10. 1789-1817.

AMERICAN HISTORY AND GOVERNMENT—*continued:*

Normal Secondary Course.

Government.

Required.

Course 1.

Course 1*a*.

Elective.

Course 4. Constitutional law.

Course 6. National administration.

Normal College Two-year Course.

Required. 2 hours. Choice may be made from the following if not previously elected in the Normal Secondary course.

American History.

Course 4 (as stated above), 2 hours.

Course 7 (as stated above), 2 hours.

Course 10 (as stated above), 2 hours.

Government.

Course 4 (as stated above), 2 hours.

Course 6 (as stated above), 2 hours.

Elective. Any courses not otherwise elected.

Normal College Four-year Course.

Required. 4 hours.

Four hours must be taken in history. It may be all in either one of the two history departments, or it may be divided between them. Courses to be taken will be determined upon consultation with the head of the department.

Elective. Any courses not otherwise elected, and

American History.

Course 3. Kansas history, 2 hours.

Course 4 (as above stated), 2 hours.

Course 5. History of New England, 2 hours.

Course 6. History of Middle and Southern colonies, 2 hours.

Course 7 (as above stated), 2 hours.

Course 8. The American Revolution, 2 hours.

Course 9. Political history of American nation under the articles of confederation, 2 hours.

Course 10 (as above stated), 2 hours.

Course 11. Constitutional history, 1817-1845, 2 hours.

Course 12. History of the Southern states, 2 hours.

Course 13. History of the West, 2 hours.

Course 14. Constitutional history, 1845-1860, 2 hours.

Course 15. The Rebellion, 1861-1865, 2 hours.

Course 16. Reconstruction, 1865-1876, 2 hours.

Course 17. Political history since 1877, 2 hours.

Course 18. The diplomacy of expansion, 2 hours.

Course 19. History of political parties, 2 hours.

Course 20. The history of the tariff, 2 hours.

Course 21. The great religious movements in America, 2 hours.

Course 22. The teaching of American history, 2 hours.

Course 23. Seminary course—colonial, 2 hours.

Course 24. Seminary course—constitutional, 2 hours.

AMERICAN HISTORY AND GOVERNMENT—*continued:*

Normal College Four-year Course.

Elective.

Government.

Course 2. Municipal government, 2 hours.
Course 3. State government, 2 hours.
Course 4 (as stated above), 2 hours.
Course 5. Comparative constitutional law, 2 hours.
Course 6 (as stated above), 2 hours.
Course 7. International law, 2 hours.
Course 8. American treaties, 2 hours.
Course 9. Seminary, 2 hours.
Course 10. Current governmental problems, 2 hours.

Major. In most high schools the teacher of history is required to teach all the classes in European and in American history, in economics, and in government. For this reason, a large per cent of our students interested in this line of work prefer to elect their major simply as history. For such the following courses are required:

Department of American History and Government.
American history. Courses 5 or 7, 8 or 9, 10, 16 or 17.
Government. Courses 2, 5 or 6.

Department of European History and Economics.
European history and government. Courses 5, 6, 7, 9, 14.
Economics and sociology. Four hours from the following: Economics 1, 2, sociology 1, 2.

Four hours free elective may be taken in either department or divided between the two departments.

Courses required for a major in the Department of American History and Government:

Major in American History and Government.

American history. Courses 7, 9, 10, 11, 14, 16, 22, 23, or 24, or government 9.
Government. Courses 2 or 3, 5, 6 or 7.
European history and government. Course 6.
Economics. Courses 1, 6.
English. Course 22.

Major in Government.

Government. Courses 2, 3, 4, 5, 6, 7, 9, 10.
American history. Courses 8 or 14, 9 or 16, 19, 20.
European history and government. Course 14.
Economics. Course 1.
Sociology. Course 1 or 2.

EUROPEAN HISTORY AND ECONOMICS.

Normal Secondary Course.

Required.

Course 1. Ancient history.
Course 1*a*. Ancient history for advanced certificate students.
Course 2. Medieval and modern history.
Course 2*a*. Medieval and modern history for advanced certificate students.

EUROPEAN HISTORY AND ECONOMICS—*continued:*

Normal Secondary Course.

Elective.

Course 3. History of Greece.
Course 3*a*. History of Greece.
Course 4. History of Rome.
Course 4*a*. History of Rome.
Courses 5 and 6. History of England.
Courses 5*a* and 6*a*. History of England.
Course 7. Medieval history.
Course 7*a*. Medieval history.
Course 9. Modern history.
Course 9*a*. Modern history.

Normal College Two-year Course.

Required (none).

Elective. Courses 3, 4, 5 and 6, 7 and 9, as above, and

History.

Course 8. Medieval institutions, 2 hours.
Course 10. The Reformation, 2 hours.
Course 11. The French Revolution and Napoleonic era, 2 hours.
Course 12. The nineteenth century, 2 hours.
Course 13. The teaching of history, 2 hours.
Course 14. Introduction to political science, 2 hours.
Course 15. The constitutional history of England, 2 hours.
Course 16. The government of England, 2 hours.
Course 17. European governments, 2 hours.
Course 18. Municipal government in Europe, 2 hours.
Course 19. International law, 2 hours.

Economics.

Courses 1 and 2. General economics, 4 hours.
Course 3. Money, banking and finance, 2 hours.
Course 4. Public finance, 2 hours.
Courses 5 and 6. Industrial history and organization, 4 hours.
Course 7. Labor problems, 2 hours.
Course 8. Economic seminar, 2 hours.

Sociology.

Courses 1 and 2. General sociology, 4 hours.
Courses 3 and 4. Sociological seminar, 2 or 4 hours.

Normal College Four-year Course.

Required. Four hours must be taken in history. It may be all in either one of the two history departments, or it may be divided between them.

Elective. Any of the courses mentioned under the Normal College two-year course as elective.

Major (30 hours). Students majoring in the department of European history and economics will be divided into two classes: Those wishing to do the greater part of their work in European history and government will take the European history major, and those wishing to begin specialization in economics and sociology will take the economics major.

EUROPEAN HISTORY AND ECONOMICS—*continued:*

All students majoring in the department will take the whole of the courses listed in group I, or acceptable substitutes (except students of the first class, who may substitute 10, 11 or 12 for course 9). Also, six hours must be taken in the department of American history and government, to be chosen in consultation with the head of the majoring department.

Students preferring the European history major will take 10, 11 and 12 and 16 and 17 from group II in addition. Those preferring the economics major will take eight hours additional from group III, to be chosen in consultation with the head of the department.

Group I.

Courses 5 and 6. English history, 4 hours.
Course 7. Medieval history, 2 hours.
Course 9. Modern history, 2 hours.
Course 14. Introduction to political science, 2 hours.
Courses 1 and 2. General economics, 4 hours.
Course 1. General sociology, 2 hours.

Group II. *History.*

Course 8. Medieval institutions, 2 hours.
Course 10. History of the Reformation, 2 hours.
Course 11. Revolutionary and Napoleonic Europe, 2 hours.
Course 12. History of the nineteenth century, 2 hours.
Course 13. The teaching of history, 2 hours.
Course 15. The constitutional history of England, 2 hours.
Course 16. The government of England, 2 hours.
Course 17. European governments, 2 hours.
Course 18. Municipal government in Europe, 2 hours.
Course 19. International law, 2 hours.

Group III. *Economics and Sociology.*

Course 3. Money, banking and finance, 2 hours.
Course 4. Public finance.
Courses 5 and 6. Industrial history and organization, 4 hours.
Course 7. Labor problems, 2 hours.
Course 8. Economics seminar, 2 hours.
Courses 1 and 2. General sociology, 4 hours.
Courses 3 and 4. Sociological seminar, 2 or 4 hours.

Language.

LATIN.

Normal Secondary Course.

Required (none).
Elective.

Courses 1 and 2. Beginner's Latin.
Courses 1*a* and 2*a*. Beginner's Latin, and 29 chapters Book I, Cæsar.
Courses 3 and 4. Cæsar.
Courses 3*a* and 4*a*. Cæsar, Books I-IV (chap. 30); Cicero, four orations; Bennett's Latin Writer.
Courses 5 and 6. Cicero, 7 orations. Bennett's Prose.
Courses 5*a* and 6*a*. Cicero, Vergil.
Courses 7 and 8. Vergil and Outlines of Mythology.

LATIN—*continued:*

Normal College Two-year Course.

Required (none).

Elective, all work of secondary course.

Normal College Four-year Course.

Required (none).

Elective.

Course 9. De Senectute, De Amicitia and Livy, 4 hours.
Course 10. Roman antiquities, 4 hours.
Course 11. Horace, Odes; Ovid, Metamorphoses (selected), 4 hours.
Course 12. Advanced grammar, 4 hours.
Course 13. Latin satire. Horace and Juvenal, 4 hours.
Course 14. Latin comedy. Plautus and Terence, 4 hours.
Course 15. Epistolary Latin. Cicero and Pliny the Younger, 4 hours.
Course 16. Teachers' training course, 4 hours.
Course 5 in Roman history, 4 hours.

Twenty weeks of work must be taken before credit will be given to count toward graduation.

Students desiring to major in Latin must elect 30 hours from the above College Latin. Students who desire to major in *language*, ancient and modern, may elect a minimum of 16 hours of College Latin with 3 units of secondary German, or 16 hours of College German with 3 units of secondary Latin.

MODERN LANGUAGES.

Normal Secondary Course.

French.

Required (none).

Elective. Four units, organized as demanded along the lines of the German.

German.

Required (none).

Elective. Courses 1-8, 4 units, or courses 1*a*-6*a*, 3 units.

Course 1. Elementary German. Given first and second semesters.
Course 2. Elementary German (continued). Given first and second semesters.
Course 3. Second-year German. Given first and second semesters.
Course 4. Second-year German (continued). Given first and second semesters.
Course 5. Third-year German. Given first and second semesters.
Course 6. Third-year German (continued). Given first and second semesters.
Course 7. Fourth-year German.
Course 8. Fourth-year German (continued).

Open to strong students who have completed two years in high school or the equivalent, or at the discretion of the teachers of German.

MODERN LANGUAGES—*continued:*

Normal Secondary Course.

German.

Courses 1*a* and 2*a*. Fraser and Van Smissen's Grammar, completed; Stern's Geschichten, 1 unit.

Courses 3*a* and 4*a*. Composition and reading, 1 unit.

Courses 5*a* and 6*a*. Thomas's Grammar, completed; reading, 1 unit.

Normal College Two-year Course.

French.

Required (none).

Elective.

Course 1. Beginner's French, 4 hours. Given first semester.

Course 2. Beginner's French (continued), 4 hours. Given second semester.

Course 3. Modern French. Prose, comedies, composition, 3 hours.

Course 4. Seventeenth century dramatists, 3 hours.

German.

Required (none).

Elective. Four years.

Courses 1 to 8 or 1*a* to 6*a* and two others recommended by the department.

Normal College Four-year Course.

French.

Required (none).

Elective. All courses listed as electives in Normal College two-year course.

German.

Required (none).

Elective.

All work done in Normal Secondary course or in an accredited high school may be counted for graduation in this course on the same basis as in other subjects.

Courses not indicated as offered during the year will be given upon sufficient demand by conference with the head of the department.

MAJOR.

Required, an admission credit of two years' high-school German, and 30 hours of College work, including courses 15, 16, 23, 24, 25 and 26.

Electives.

Course 9. German composition, 3 hours. Given first semester.

Course 10. Elementary conversation, 1 hour.

Course 11. Goethe, two dramas, 3 hours.

Course 12. Schiller, Wallenstein, 3 hours.

Course 13. Lessing, selections, 3 hours.

Course 14. Modern German writers, 3 hours.

Course 15. Modern German writers, 3 hours.

Courses 11-15 open to students having three years' credit in German. Classes organized on sufficient demand.

MAJOR—*continued:*

Electives.

Course 16. Goethe's Faust, 2 hours.
Course 17. History of German literature (Seniors only), 2 hours.
Course 18. History of German literature (Seniors only), 2 hours.
Course 19. Teachers' course in Tell, 2 hours. Second semester.
Course 20. Scientific German (students offering two years' high-school credit, or courses 1*a*-3*a*), 4 hours.
Course 21. Educational German (open by permission of instructor), 3 hours.
Course 22. Sight reading, 1 hour.
Course 23. Advanced composition, 3 hours, second semester.
Course 24. Modern German grammar (for teachers), 3 hours.
Course 25. German phonetics, 2 hours.
Course 26. Teachers' course (Seniors only), 2 hours.

If the entrance requirement is presented in some other language all work done in the department may be counted for graduation in this course.

A general language major may be elected consisting of 16 hours of German and 14 hours of French, or 16 hours of German and 14 hours of Latin, or 16 hours of Latin and 14 hours of French.

Suggested minors for German major: European history, German history, English composition and literature, Latin, psychology and philosophy.

Library Science.

Normal Secondary Course.

Required of all students.

Course 1. Elementary reference. No credit. Given each term.

Elective.

Course 2. Library methods, one-fourth unit. Given first and second terms.

Normal College Two-year Course.

Required (none).

Elective.

Course 3. Library economy, 3 hours. Given second term.
Course 4. Reference, 2 hours. Given second term.
Course 5. Children's literature, 3 hours. Given first and second terms.
Course 6. Story telling, 3 hours. Given first and third terms.
Course 7. Classification of books, 3 hours. Given first and third terms.
Course 8. Library history, 2 hours. Given third term.
Course 9. Cataloguing, 2½ hours. Given fourth term.
Course 10. Cataloguing (continued), 2½ hours. Given fifth term.
Course 11. Bookmaking, 1 hour. Given fourth term.
Course 12. Public documents, 2 hours. Given fourth term.
Course 13. Bibliography, 3 hours. Given fifth term.
Course 14. Organization and administration, 3 hours. Given fifth term.

Normal College Four-year Course.

Required (none).

Elective. All the work listed as elective in the Normal College two-year course.

Mathematics.

Normal Secondary Course.

Required for one-year state certificates and all life-diploma courses.

Arithmetic.
- Course 1.
- Course 1*a*.
- Course 2.
- Course 2*a*.

Algebra.
- Course 1.
- Course 1*a*.
- Course 2.
- Course 2*a*.

Geometry.
- Course 1.
- Course 1*a*.
- Course 2.
- Course 2*a*

Elective.

Arithmetic.
- Course 3.

Algebra.
- Course 3.
- Course 3*a*.
- Course 4.
- Course 4*a*.
- Course 5.
- Course 6.

Geometry.
- Course 3.
- Course 3*a*.

Normal College Two-year Course.

Elective.

Arithmetic.
- Course 3.

Algebra.
- Course 3.
- Course 4.
- Course 5.
- Course 6.

Elective.

Geometry.
- Course 3.

Surveying.
- Course 1.

Trigonometry.
- Course 1.

Normal College Four-year Course.

Required.

Algebra.
- Course 3.

Trigonometry.
- Course 1.

Elective.

Arithmetic.
- Course 3.

Algebra.
- Course 4.
- Course 5.
- Course 6.

Analytics.
- Course 1.
- Course 2.
- Course 3.
- Course 4.

Elective.

Astronomy.
- Course 1.
- Course 2.

Calculus.
- Course 1.
- Course 2.
- Course 3.
- Course 4.

Geometry.
- Course 3.

Surveying.
- Course 1.

Music.

PUBLIC SCHOOL MUSIC.

Normal Secondary Course.

Required. For one-year state certificate and all life-diploma courses.

Course 1. Music for beginners. Offered each semester.

Course 1*a*. Music for those with some training in music in the public schools. Offered each semester.

Normal College Two-year Course.

Required.

Course 2. Music—two-part and three-part singing. Offered each term.

Elective.

Course 3. Four-part work, 2 hours. Offered second and fourth terms.

Course 4. Kindergarten and primary music, 2 hours. Offered third and fifth terms.

Course 5. Methods in public-school music, 2 hours. Offered first, second and fourth terms.

Course 6. Normal practice teaching, 1 hour.

Course 7. Department teaching—primary grades, 2 hours.

Course 8. Teaching in intermediate grades, 2 hours.

Course 9. Teaching in grammar grades, 2 hours.

Course 10. Advanced teaching, 1 hour.

Course 11. Voice training. Class work, 1 hour. Offered first, second and fourth terms.

Course 12. Chorus singing, 2 hours.

Course 13. Advanced chorus singing, 2 hours.

Course 14. Advanced ensemble practice, 1 hour.

Course 15. Harmony, 2 hours.

Course 16. Counterpoint, 2 hours.

Course 17. History of music, 2 hours.

Course 18. Voice training, 2 hours.

Course 19. Voice training (continued), 2 hours.

Course 20. Voice training (continued), 2 hours.

Course 21. Voice training (continued), 2 hours.

Course 22. Voice training, elementary, 1 hour.

Course 23. Methods in voice training, 2 hours.

Course 24. Library reading. Public-school music literature, 1 hour.

Course 25. Music appreciation, 1 hour.

Course 26. Continuation of 25.

Course 27. Unaccompanied ensemble. Girls' chorus and men's chorus, 1 hour.

Course 28. Continuation of 27.

Normal College Four-year Course.

Required (none).

Elective.

Course 2 (as above stated), and all the courses listed as elective in the Normal College two-year course.

PIANO.

Normal Secondary Course.

Required (none).

Elective.

One unit.

PIANO—*continued:*

Normal College Two-year Course.

Required (none).
Elective.
Two semester courses, two hours each.

Normal College Four-year Course.

Required (none).
Elective.
Two semester courses, two hours each.

HARMONY.

Normal College Two-year and Four-year Courses.

Required (none).
Elective.
Course 1, two hours.
Course 2, two hours.

HISTORY OF MUSIC.

Normal College Two-year and Four-year Courses.

Required (none).
Elective.
Course 3. History of mediæval music, two hours.
Course 4. Modern music and musicians, two hours.

MUSICAL ANALYSIS.

Normal College Two-year and Four-year Courses.

Required (none).
Elective.
Course 1. Instrumental forms, one hour.
Course 2. Vocal forms, one hour.

Physical Sciences.

CHEMISTRY AND PHYSICS.

Normal Secondary Course.

Required.

Physics.

Course 1. Mechanics of solids.
Course 1*a*. Mechanics of solids.
Course 2. Mechanics of fluids and sound.
Course 2*a*. Mechanics of fluids and sound.

Elective.

Chemistry.

Course 1. General chemistry.
Course 1*a*. General chemistry.

Normal College Two-year Course.

Required (none).
Elective.

Chemistry.

Course 1 (as stated above), 4 hours.
Course 2. Qualitative analysis, 4 hours.

CHEMISTRY AND PHYSICS—*continued:*

Normal College Two-year Course.

Elective.

Physics.

Course 3. Heat and light.
Course 4. Magnetism, electricity, radiations.
Prerequisite, course 2 in physics.

Astronomy.

Course 1. General astronomy, 2 hours.

Normal College Four-year Course.

Required, 4 hours from the following courses:

Chemistry.

Course 1. General chemistry, 4 hours.
Course 2. Qualitative analysis, 4 hours.
Course 3. Quantitative analysis, 4 hours.
Course 4. Organic chemistry, 4 hours.
Course 5. Special analysis, 4 hours.

Physics.

Courses 3 and 4.

Elective. Any of the above courses in chemistry and physics not taken to make up requirement of 4 hours.

SPECIAL PHYSICAL SCIENCE COURSE.

Major may be taken—

a. Entirely in physical science, as follows:

Chemistry, 18 hours.

Courses 1, 2, 3, 4 and 5, as above.

Physics, 10 hours.

Courses 3, 4, as above.

Astronomy, 2 hours.

b. Partly in physical and partly in natural science.
The same as the physical science course, except that College geology may be substituted for chemistry 5 and astronomy 2.

c. Partly in physical science and partly in mathematics.
The same as course *a*, except College mathematics may be substituted for chemistry 3 and 5.

Physical Training.

MEN'S DEPARTMENT, PRACTICE.

Normal Secondary Course.

Work in the physical department will be assigned to students in the Normal Secondary department as the schedule will permit.
The same regulations as to locker fees and gymnasium costume will hold good as in the other departments.

Normal College Two-year Course.

Required, 4 hours.
Course 2. Elementary gymnastics, ½ hour.
Course 3. Intermediate gymnastics, ½ hour.

MEN'S DEPARTMENT, PRACTICE—*continued:*

Normal College Two-year Course.

Required, 4 hours.

Course 5. Methods of teaching, ½ hour.
Course 6. Practice teaching, ½ hour.

For the remaining two hours' requirement select any four courses from among the following:

Course 4. Advanced gymnastics, ½ hour.
Course 7. Public school methods, ½ hour.
Course 8. Football, ½ hour.
Course 9. Soccer football, ½ hour.
Course 10. Basket-ball, ½ hour.
Course 11. Baseball, ½ hour.
Course 12. Track and field athletics, ½ hour.
Course 13. Tennis, ½ hour.
Course 14. Swimming, ½ hour.
Course 30. Fencing, ½ hour.

Normal College Four-year Course.

Required, same as for Normal College two-year course.
Elective, same as for Normal College two-year course.

MEN'S DEPARTMENT, THEORY.

Normal Secondary Course.

Required (none).
Elective (none).

Normal College Two-year Course.

Required.

Course 1. General theory, 2 hours.

Elective.

Course 15. Playground equipment and supervision, 2 hours.
Course 16. Anatomy, 4 hours.
Course 17. Physiology, 2 hours.
Course 18. Applied anatomy, 2 hours.
Course 19. Anthropometry, 1 hour.
Course 20. First aid to the injured, 1 hour.
Course 21. Prescription of exercise, 2 hours.
Course 22. Massage, theory and practice, 2 hours.
Course 23. Bibliography of physical training, 1 hour.
Course 24. History of physical training, 4 hours.
Course 25. Histology, 2 hours.
Course 31. Personal hygiene, 2 hours.
Course 32. Psychology of adolescence, 4 hours.
Course 33. Child psychology, 2 hours.
Course 34. Physiology of exercise, 2 hours.
Course 35. Theories and systems of physical training, 2 hours.

Normal College Four-year Course.

Required, course 1 (as above), 2 hours.
Elective. For major work in physical training, thirty hours must be elected from the work listed as elective under the Normal College two-year course. Students desiring major work in this department should confer with teacher at an early date.

WOMEN'S DEPARTMENT, PRACTICE.

Normal Secondary Course.

Required. Three periods a week assigned according to schedule and physical needs.

Normal College Two-year Course.

Required. 4 hours.

Course 2. Elementary gymnastics, ½ hour, 10 weeks.
Course 3. Intermediate gymnastics, 1 hour, 20 weeks.
Course 5. Practical gymnastics, 1 hour, 20 weeks.
Course 6. Methods and practice, ½ hour, 10 weeks.

For the remaining one hour requirement select from the following elective courses amounting to three periods a week for twenty weeks:

Course 4. Advanced gymnastics, 3 periods a week.
Course 8. Outdoor sports, 3 periods a week.
Course 9. Soccer, 1 period a week.
Course 10. Basket-ball, 1 period a week.
Course 11. Baseball, 1 period a week.
Course 12. Hockey, 1 period a week.
Course 13. Tennis, 1, 2 or 3 periods a week.
Course 14. Swimming, 1 period a week.
Course 26. Æsthetic dancing, elementary, 2 periods.
Course 27. Folk dancing, elementary, 1 period a week.
Course 28. Æsthetic dancing, intermediate, 2 periods.
Course 29. Folk dancing, intermediate, 1 period a week.
Course 30. Fencing.

Normal College Four-year Course.

Required. Same as for Normal College two-year course.
Elective. Same as for Normal College two-year course.

WOMEN'S DEPARTMENT, THEORY.

Normal Secondary Course.

Required (none).
Elective (none).

Normal College Two-year Course.

Required, 2 hours.

Course 1. General theory, 2 hours.

Elective.

Course 15. Playground equipment and supervision, 2 hours.
Course 16. Anatomy, 4 hours.
Course 17. Physiology, 2 hours.
Course 18. Applied anatomy, 2 hours.
Course 19. Anthropometry, 1 hour.
Course 20. First aid to the injured, 1 hour.
Course 21. Prescription of exercise, 2 hours.
Course 22. Massage, theory and practice, 2 hours.
Course 23. Bibliography of physical training, 1 hour.
Course 24. History of physical training, 4 hours.
Course 25. Histology, 2 hours.
Course 31. Personal hygiene, 2 hours.
Course 32. Psychology of adolesence, 4 hours.
Course 33. Child psychology, 2 hours.
Course 34. Physiology of exercise, 2 hours.
Course 35. Theories and systems of physical training, 2 hours.

WOMEN'S DEPARTMENT, THEORY—*continued:*

Normal College Four-year Course.

Required.

Course 1 (as above), 2 hours.

Elective. For major work in physical training, thirty hours must be elected from the work listed as elective under the Normal College two-year course. Students desiring major work in this department should confer with the teachers at an early date.

Speech Arts.

ORAL ENGLISH.

Normal Secondary Course.

Required. For one-year state certificate.

Course 1. Reading. Given each semester.

Course 1*a*. Reading. For advanced certificate students. Given each term.

Elective.

Course 2. Reading. Given each semester.

Course 2*a*. Reading. For advanced certificate students.

Normal College Two-year Course.

Required.

Course 3. Elocution, 2 hours. Given each term.

Elective.

Course 4. Bodily expression, one-half hour. Given each term.

Course 5. Dramatic interpretation, Shakespeare's tragedies, 2 hours. Given second term.

Course 6. Dramatic interpretation, Shakespeare's comedies, 2 hours. Given third term.

Course 12. American oratory, modern, 2 hours. Given first and fifth terms.

Normal College Four-year Course.

Required (none).

Elective. Courses 3, 4, 5, 6 and 12, as stated above, and

Course 7. Dramatic interpretation, Shakespeare's historical plays, 2 hours. Given first term.

Course 8. Dramatic interpretation, modern drama, 2 hours.

Course 9. Greek drama, 2 hours. Given fourth and fifth terms.

Course 10. American oratory, the Revolutionary period, 2 hours. Given second and fourth terms.

Course 11. American oratory, the period of the Civil War, 2 hours. Given fourth and fifth terms.

Course 13. Poetry. Tennyson, 2 hours. Given second and fourth terms.

Course 14. Poetry. Doctor Van Dyke, 2 hours. Given third and fifth terms.

PUBLIC SPEECH.

Normal Secondary Course.

Required (none).

Elective. 2 units.

Course 1. Oral composition.

Course 2. Debating.

Course 3. Literary society—parliamentary law.

Courses 1*a* to 3*a*, corresponding to 1 to 3 for advanced certificate students.

PUBLIC SPEECH—*continued:*

Normal College Two-year and Normal College Four-year Courses.

Required. 2 hours from courses 4, 5, 7, 11 or 15.

Elective. Any other courses from the following:

Course 4. Extemporaneous speech, 2 hours. Given each term.

Course 5. Vocabulary 1, 2 hours. Given each term except the fourth.

Course 6. Vocabulary 2, 2 hours. Given on request of sufficient number. Prerequisite, course 5 and a reading knowledge of Anglo-Saxon, Latin and French.

Course 7. Oration, 2 hours. Given each term.

Course 8. British orators, 2 hours. Given in second term, 1912–'13.

Course 9. Continental European orators, 2 hours. Given in third term, 1912–'13.

Course 10. Great speakers and their speeches, 2 hours. Given on request of sufficient number.

Course 11. Argumentation 1, 2 hours. Given third term.

Course 12. Argumentation 2, 2 hours. Given on request of sufficient number. Prerequisite, course 11.

Course 13. Debating 2, 2 hours. Given fifth term. Prerequisite, course 11.

Course 14. Debating 3, 2 hours. Given on request of sufficient number. Prerequisite, courses 12 and 13.

Course 15. Parliamentary law 2, 2 hours. Given first, second and fourth terms; other terms on request of sufficient number.

Course 4, or its equivalent, is prerequisite to courses 11 to 14, inclusive.

Outlines of Instruction.

Arts.

DRAWING.

COURSE 1.—Free-hand drawing with pencil, charcoal, crayon and brush. Elementary design, working drawings, paper and cardboard construction. One-half unit.

COURSE 2.—Advanced work along lines suggested in course 1. One-half unit.

COURSES 1*a* AND 2*a*.—Practically the same work as in courses 1 and 2. Offered to advanced certificate students. Two hours each.

COURSE 3.—Elementary work in water color.

COURSE 4.—Lessons in blackboard illustration suitable for lessons in geography, language, nature study and other subjects taught in the grades. Also, primary work in clay modeling, weaving and decorative design. Four hours.

COURSE 5.—A study of pictures by great artists. This course is for primary teachers particularly. Two hours.

COURSE 6.—A study of methods of teaching drawing in the grades.

COURSE 7.—A course in constructive and decorative design. Four hours.

COURSE 8.—History of painting. Four hours.

COURSE 9.—History of architecture. Two hours.

COURSE 10.—History of sculpture. Two hours.

COURSE 11.—Clay modeling. Two hours.

COURSE 12.—Advanced clay modeling. Two hours.

COURSE 13.—Advanced work in light and shade in wash drawings and charcoal. Studies are made from the cast and still life. This course is open to students who have completed satisfactorily courses 1, 2 and 3. Four hours.

COURSE 14.—Advanced water color. Studies in landscape, fruit, flowers, and still life. Four hours.

COURSE 15.—Mechanical perspective. Two hours.

COURSE 16.—Basketry. Two hours.

HOME ECONOMICS.

HOUSEHOLD ART.

Normal Secondary Course. COURSE 1.—A preparatory course of progressive exercises designed especially to fit the younger students enrolled in the secondary school of the Normal, and also those who have had little or no practical experience in sewing, that they may get the most good possible from the following courses in household art. The course occupies forty-five minutes per day for one semester and gives one-half unit credit.

COURSE 2.—Instruction in the use and care of the sewing machine. Discussion of appropriate materials for undergarments and suitable trimmings for various materials used in this course. The student is taught to take measures, draft patterns and make undergarments for herself or others. Besides the sewing work, a study of cotton, linen, wool and silk fabrics is made, with a general study of the source and method of preparation of the material for clothing purposes.

COURSE 1*a*.—Hand sewing for advanced certificate students. One hour per day for ten weeks will be devoted to the practice and application of the most common and useful exercises in hand sewing and their application to home sewing.

COURSE 2*a*.—One hour per day for ten weeks will be devoted to designing and drafting of simple useful patterns to individual measurements; machine work on simple garments; study of the use and care of machines used in the department; a study of the commonest materials used in home sewing. Judgment, accuracy, neatness and skill in the simple problems of everyday sewing are developed in this course.

Normal College Course. For students enrolled in college courses of the Normal who have had some experience in sewing and who wish to prepare themselves to be teachers of sewing. The purposes are to make students familiar with all phases of the subject matter and to produce capable, skillful, self-reliant teachers, with high ideals of the school-room adaptations of the work and its applications to home life.

COURSE 3.—Hand sewing. This course is prerequisite to all the following courses in household art, being required of all students enrolling in the department, and the aim is to teach students to be able to do accurate, durable handwork, neatly, skillfully and quickly. This includes general instructions about the implements used in hand sewing; the proper position of the body and use of the eyes while sewing; as well as a full course in practical needlework, including the different stitches, both useful and ornamental, their uses and combinations, seams, hems, tucks, gathering, overcasting, overseaming, patching, darning, piecing, corners, fastenings, gussets, plackets, trimmings for underwear, rolled edges, putting in insertions, laces, embroideries, fancy stitches used for trimmings, and the application of these to useful articles, the organization of the material offered in the course and plans for presentation in the public schools. Progressive course in demonstration. Four hours for one semester.

COURSE 4.—Machine work, plain sewing; designing and drafting patterns. A prerequisite for course 5. This course consists of a study of the use of patterns, taking of measurements, and the drafting of patterns for aprons and underwear; tests for shrinkage, strength of warp and woof of threads, for filling; planning of garments, and careful estimation of amount of material necessary; instruction in the care and use of the sewing machines; cutting, fitting and making of cooking apron, corset cover, drawers, underskirt or princess slip, and nightdress for themselves or others, and showing in their finished work an application of the steps taught in course 3. A complete course in drafting and designing of paterns for waists, skirts and dresses in preparation for course 5. Four hours for one semester.

COURSE 5.—Dressmaking. Prerequisite, drawing 3. A study of all materials and trimmings suitable for dresses; shrinkage or any special treatment before and cautions to be observed while sewing the different materials. Plan, design and draft patterns suitable for the four dresses

to be made—plain house dress, tailored dress, afternoon dress and fancy dress. Consideration of color and adaptation of materials, proportions and individual styles. All experiences of the course lead to the development of judgment, originality and self-reliance in the selection of neat, serviceable dresses. Four hours for one semester.

COURSE 6.—Art needlework. Prerequisites, drawing 3 and drawing 7. This course is designed to familiarize the students with the simple stitches used in embroidering and some forms of artistic and fancy stitches used for the finishing or decoration of articles of clothing or house furnishings. The course includes scallops and dots, various ways of padding and their application, outline, eyelet, French embroidery, drawn work, Oriental weaving, darning, applique, cross-stitch, Wallachian, Hardanger, cut work, Bermuda, crocheting and knitting. Four hours for one semester.

COURSE 7.—Millinery. An attempt is made to develop judgment and skill in renovating and cleaning all millinery materials; altering or remodeling of hats or bonnets used before; and the creating of simple models from new and inexpensive materials, and a study of the different millinery stitches, bows, rosettes, etc. An attempt to develop skill in the handling of the materials and taste in their selection and combination. A study of styles, both spring and fall; individual styles; suitability of materials. Designing and making of frames of wire and buckram; covering of frames, lining of hats, draping and trimming of hats. Four hours for one semester.

COURSE 8.—Prerequisite, second half of drawing 4. A course designed for those preparing to teach household art. It includes methods of presenting the household art subjects, and is prerequisite to the practice teaching in the work, opportunity for which is offered in the Training School. For further description see course 8, under Household Science, which is the same course. Ten weeks' time. Credit 2 hours, and ten weeks' practice teaching which gives a 2-hour credit in teaching.

COURSE 9.—Textiles. All through the courses in sewing a careful study is made of the textile fibers, the history and manufacture of the materials used, as a help to judgment in buying; always considering wearing quality, adaptability to use, permanence of color, and harmony of design to the particular use for which they are intended. A study of the preparation of fibers, spinning and weaving, their history, processes, present methods compared with those of early times. Kinds of looms, weaves and kinds of cloth in which used, plain, twill, sateen, rib and basket. Study of fibers — vegetable fibers, plumose, cotton, flax, hemp, jute, ramie; animal fibers, silk and wool; mineral fibers, asbestos. Special study of cotton, flax, silk; quality and cost, steps in handling, operations in milling, products of milling, characteristics, tests for determining the presence of each fiber, adaptation to use, prices, wearing qualities. Comparison as to prices, appearance, uses, and wearing qualities. Study of dyes and dyeing processes, and their effect upon the fibers. History of dress and household materials, linens, draperies, carpets, rugs, etc. Identification of materials and their intelligent buying and use. Four hours for ten weeks.

HOUSEHOLD SCIENCE.

COURSE 1.—Food study. Elective in the fourth year of Normal Secondary course of four years, as indicated on page 39 of the catalogue. The accompanying required subjects for the course are as follows: Physiology, as required in the third year of the Normal Secondary course of four

years; physics as required in the fourth year of the same course; zoology 1 and 2, and botany 3, designated as "additional and scientific course."

The course consists of general work on foods, with a view to giving the student general ideas as to the production, composition, selection and preparation for the table of the common food stuffs, with an accompanying study of the several food principles represented in the materials under study and the effect of heat upon these, as well as a study of their food value and their digestion in the body. Snyder's "Human Foods" is used as a text. Three laboratory periods of ninety minutes each and two recitations of forty-five minutes each per week. The course is continued throughout a term of twenty weeks. Credit is the same as other half-year subjects in the Secondary course.

COURSE 2.—Serving. This course is elective and follows course 1, hence its prerequisites are one with all prerequisites for course 1. The course offers much additional practice in the preparation of foods, and in addition emphasis is placed upon the proper serving under various circumstances, and upon the economic uses and cost of food materials.

COURSES 1*a* AND 2*a*.—Elective. These courses are open to advanced certificate students and to housekeepers, and cover much the same work as outlined for courses 1 and 2. Three laboratory periods of two hours each, and two recitations of one hour each, per week. Each course occupies ten weeks' time and offers 2 hours' credit.

COURSE 3.—Selection and preparation of food. Elective in Normal College two-year course or Normal College four-year course. Prerequisite to the course are the following subjects:

Plant biology 1*a* and 2*a* or their equivalents.
Animal biology 4, as required in Normal College course.
Physics 1*a* and 2*a*.
Human physiology 3, and
Chemistry 1.

The course contains a study of the kitchen, plan, equipment, standard measures, fuels and temperatures; nature and uses of food; source, condition, chemical composition and function in the body; the food principles, with special study of the economic and æsthetic value, and principles governing selection, preparation and manipulation of foods. Proteids, fats, water, mineral matter. Demonstrations. Three laboratory periods of two hours each and two recitation periods of one hour each per week for one semester. Credit, four hours.

COURSE 4.—Economic uses of foods. This course is given only during the first semester of each school year. Prerequisites, course 3 and all of its prerequisites, and in addition, plant biology 7 (bacteriology) and chemistry 2. The course includes a study of food preservation and reasons for the same, and methods of its accomplishment; uses of preservatives; bacteriology and its relation to food preservation; carbohydrates, classes chemical composition, digestion, and application of heat in their preparation for the table; bread and the principles of bread making; food values and nutriment equivalents; the preparation of meals, their proper service and cost. Three laboratory periods of two hours each and two recitation periods of one hour each per week for one semester. Credit, four hours.

COURSE 5.—Dietetics. Prerequisite, courses 3 and 4 and their prerequisites, and in addition, human physiology 4, and chemistry 4 and 5. The course includes the study of nutrients found in various foods; the proper balancing of meals; discussion of the healthful diet for persons

in normal condition of health but differing in occupation; influence of climate and season upon needed changes in diet; diet in disease; effect of various food constituents upon any one disordered digestive agent; menus for different diseases; invalid cookery. One laboratory period of two hours and three recitation periods of one hour each per week. Credit, four hours.

COURSE 6.—Serving. Prerequisites, courses 3 and 4. In this course attention is given to the preparation of full meals for varying number of persons. The balancing of the meals; æsthetic cookery and serving; various methods of serving—buffet, caffeteria, table service, the dining room, table equipment, proper service of meals differing in type and formality. Emphasis is placed on the æsthetic and economic sides of the selection and preparation of the materials. Eight hours per week for one semester. Credit, four hours.

COURSE 7.—The house. Prerequisites, manual training 1*a*, drawing 1*a* and 3. This course is a series of general lessons in home keeping. A study of the house, its location, lighting, ventilation, plumbing, drainage, water supply, plan. A study is made of cleansing agents, sanitation, fumigation, household pests; the home; the family, its evolution, its relation to the home; the house interior, bathrooms, sinks, cellars, ice chests, carpets, furnishing, hangings, color harmonies, cost of materials, and plans and color schemes for interiors. Four hours per week for one semester. Credit, four hours.

COURSE 8.—Methods. Prerequisites, psychology 1*a* and 2*a*, and general methods 1. This course includes methods in both sewing and cooking, and is required of all persons expecting to be recommended from the department as household science or household art teachers. It must be preceded by courses 3, 4, 5 and 9 in household art, or courses 3, 4, 5 and 7 in household science, or both, according as the student may be majoring. It includes a study of the history of home economics, and the history and growth of the manual arts in education, together with studies in equipment and supplies, courses of study, and lesson plans. Four hours per week for ten weeks, followed by practice teaching three hours per week for ten weeks in the grades of the Model School or in the secondary classes. This ten weeks of practice teaching may count for teaching credit, providing the student has not previously made all her credits in teaching. Credit, two hours for the ten weeks of methods work; two hours for the ten weeks of teaching.

COURSE 9.—Home nursing. Prerequisite, bacteriology (plant biology 7). The course includes simple methods of home nursing and sanitation; detection of contagious diseases, quarantine and fumigation; disinfectants; what to do till "the doctor comes"; fomentations; antiseptics; bandaging; the making of an invalid's bed; the invalid's room. Two hours per week for ten weeks. Credit, two hours.

COURSE 10.—Household management. The course offers study and experience in marketing, weights, choice of materials, judgment of values, keeping of accounts, simple tests for adulterants of both textile and food products. The choice and value of various household conveniences; plans for economy of time, strength, and money; the care and protection of household supplies.

LABORATORY FEES.

For courses 1 and 3, household art, a fee of 75 cents is charged for the cost of materials. In all other household art courses the student furnishes her own materials.

For courses 1, 2, 1*a* and 2*a*, 3, 4, 5 and 6 in household science a fee of $2.50 for each ten weeks is charged. In addition the students purchase their own thermometers and laboratory guides.

MANUAL TRAINING.

COURSE 1.—Mechanical drawing. One-half unit. A course in the elements of mechanical drawing, including problems in geometric constructions, orthographic cabinet and isometric projections, shadows, intersections of solids, etc., with some of the general application to drafting. Instruction and practice are given in making working drawings, reading drawings, and blue-printing.

COURSE 2.—Constructive design. One-half unit. A continuation of the above course, including instruction and practice in more advanced work in drafting, lettering and design, with reference to the needs of construction and appropriate decoration by pleasing panels and designs for wood carving.

COURSE 3.—Elementary woodwork. One-half unit. A course in wood construction suited to the intermediate and lower grammar grades. Work with tools at the bench will be required. Simple models selected to illustrate and give practice in the use of the common woodworking tools will be made.

COURSE 4.—Advanced woodwork. One-half unit. A continuation of the above course, dealing with models appropriate for the grammar grades. Work requiring greater skill in the use of tools will be selected, and students will be expected to plan and execute several original or adapted models, in addition to those in an assigned course.

COURSE 5.—Joinery. One-half unit. A course beginning with a series of joint exercises illustrating the common joints in wood construction and continuing into the application of some of these in appropriate models.

COURSE 6.—Cabinet making. One-half unit. A course in advanced woodworking, dealing with models requiring more accurate use of the tools. Some attention will be given to the lines and decorations, with the methods of securing pleasing effects through wood combinations, inlaying and simple carvings.

COURSE 7.—Wood turning. One-half unit. A beginning course in wood turning, with instructions on the care and uses of the lathe; practice in the sharpening of the usual turning tools—chisels, gouges, parting tools, etc. The students will be required to make a series of exercises between centers on the lathe, beginning with the cylinder, through progressive modifications, showing the characteristic uses of the tools; followed by the turning of several useful pieces for further practice in the uses of the lathe.

COURSE 8.—Advanced wood turning. One-half unit. A continuation of the above course, giving further study to the lathe and its uses, including problems in hollow turning, face plate and chuck work as illustrated in the making of rosettes, boxes, goblets, etc. Courses 1*a* to 8*a*, similar to the above, giving two hours credit, will be offered for advanced certificate students.

COURSE 9.—Theory and practice. Two hours. An additional course required of students expecting to apply for the manual training certificate. It includes assigned readings, reports and discussions on the history, development and present practice in manual training in education,

with some consideration of courses of study, equipments, supplies, text-books, etc.

COURSE 10.—Wood carving. One-half unit. A beginning course in wood carving, dealing with simple designs in chip carving, flat carving and some of the easier forms of relief carving as applied to simple wood models suitable for such decorations. The students are given practice in the care and sharpening of the different wood-carving tools, and are required to report on readings on wood-carving subjects.

COURSE 11.—Advanced wood carving. One-half unit. A continuation of the above course, including more difficult problems, working out more complicated designs involving greater skill in modeling the various elements of the design through the use of the special tools. A thorough course in design is required for either course in wood carving. Clay modeling is also a great help to students in this work. Courses 10*a* and 11*a*, two hours each, will be offered for advanced certificate students.

Students wishing to prepare for teaching manual training in the elementary grades may substitute clay modeling and basketry (drawing, courses 11, 12 and 16) for advanced work in wood, and courses 10 and 11 of manual training for courses 7 and 8, manual training.

Biological Sciences.

PLANT BIOLOGY.

COURSE 1.—Field botany. This embraces morphology and habits of cryptogams and phanerogams. This course requires laboratory, field and class work.

COURSE 2.—Plant life. This includes a study of the physiology, ecology and histology of plants in laboratory and classroom.

COURSES 1 and 2 are required in the Normal Secondary course and give one-half unit of credit each. Each course continues one semester. In the Normal Secondary four-year course botany 1 will be begun the second term and completed the fifth term; and botany 2 will be taken during the third and fourth terms. In the Normal Secondary two-year course, botany 1*a* will be given the second term and also the fifth term; and botany 2*a* may be taken the third or the fourth term.

COURSE 3.—Agricultural botany. This course gives a credit of two hours, and is accepted as part of the requirement in biology in the Normal College two-year and four-year courses when the unit of zoölogy has been elected in the Normal Secondary course or in an accredited high school. Agricultural botany, as the name implies, gives an elementary knowledge of plants in their relations to soil, climate and various insect and plant pests. The course continues ten weeks, four recitation periods each week. This course may be substituted for course 2*a*.

COURSE 4.—Plant natural history. This course gives a credit of two hours in the Normal College four-year course when course 5 has been completed, and may be elected as part of the major in biology. The work is largely that of the field and laboratory, and should be done, if possible, the same term with course 5. The course is given in ten weeks, four recitations each week.

COURSE 5.—Systematic botany. This course gives a credit of two hours as part of a major in the Normal College course. This course is a systematic study of cryptogams and phanerogams, and must be taken in connection with or immediately after course 4. This is a ten-weeks course.

COURSE 6.—Histology and evolution of plants. A credit of two hours is given for this course. It embraces a study of the origin and development of plants and of their organs and tissues. The course is given in ten weeks, four recitations each week.

ANIMAL BIOLOGY.

COURSE 1.—Agricultural zoölogy. This course gives a credit of one-half unit if elected in the Normal Secondary course, and of two hours if elected in the Normal College four-year course. This subject treats of the care, kinds, and good and bad qualities of animals found on the farms. The classes meet each day for one semester, or four days each week for one term, according to the course taken.

COURSE 2.—Field zoölogy. This course gives a credit of one-half unit if taken in the secondary course, and of two hours if taken as part of the required work in the Normal College two-year and four-year courses. This is a course in animal natural history and comprises field and museum studies of insects and birds, with lectures on their economic relationships to man, especially to the farmer and orchardist. The course is given during the first, second and fifth terms, and four or five times each week, according to the course.

COURSES 1*a* and 2*a* cover practically the same work as courses 1 and 2, and are offered to advanced certificate students.

COURSE 3.—Animal life. The credits are the same as in course 2. This study gives a knowledge of the physiology and ecology of animals. It will be offered four or five times each week, according to the course, and may be taken during the third and fourth terms.

COURSE 4.—Systematic zoölogy. This course is required in the Normal College two-year and four-year courses, and gives a credit of two hours. This subject embraces a study of the anatomy and physiology of representative animals, and lectures on the structure and habits of important forms in all classes of animals. Each pupil is expected to prepare a brief treatise on zoölogy. There are four meetings of the classes in this subject each week for ten weeks.

COURSE 5.—Systematic animal biology. This course may be elected as part of a major in biology in the Normal College four-year course, and gives two hours credit. It requires a study of representative animals, their structure, embryology, development and systematic position in the animal kingdom. The classes meet as in course 4.

COURSE 6.—Philosophic biology. This course may be elected as part of major in the Normal College four-year course, and gives a credit of two hours. The subject includes a detailed study of the evolution of plant and animal life. The classes meet as in course 4.

ENVIRONMENTAL BIOLOGY.

GEOLOGY.

COURSES 1 AND 2.—General geology. The two courses should be taken one after the other, and give four hours credit in the major in biology. They include the dynamical, structural and historical geology of the United States. The courses are offered together during the first term and in succession during the second and third terms.

COURSES 3 AND 4.—Geology of Kansas. The courses should be taken as are courses 1 and 2, and give four hours credit. They include studies of soil, climate and forest, and work of wind, rain, moisture and running

water. Before concluding the subject each member of the class is required to write a geological history of Kansas. The courses are given during the fourth and fifth terms of the year, the classes meeting four days of each week.

HUMAN PHYSIOLOGY.

COURSE 1.—Elementary physiology. This course may be elected in the Normal Secondary course to prepare for course 2. It gives one-half unit credit.

COURSE 2.—General physiology. This course is required in the Normal Secondary course, and gives one-half unit credit. Physiology 2 gives in a modern way a general knowledge of the anatomy, physiology and hygiene of the human body. The classes meet five times each week for one semester.

COURSE 3.—Advanced general physiology. This course may be counted as part of the major in biology, and gives a credit of two hours. Course 2 is reviewed and the physiology of the human body emphasized. The classes meet four times each week for ten weeks.

COURSE 4.—Physiology of alimentation and dietetics. Four hours. Elective in the Normal College four-year course. The subject is presented in two-hour parts, either of which may be counted towards the major.

COURSE 5.—Personal hygiene and the diagnosis and treatment of disease. Four hours. The subject may be divided and counted as in course 4.

COURSE 6.—This gives ten weeks to a study of bacteria, especially those which cause disease and whose habits must be known in making plans for sanitation.

SCHOOL SCIENCE.

COURSE 1.—Nature study. This course may be elected as part of major in biology and gives two hours credit. The course treats of the methods of teaching natural history in the grades, and is adapted to the needs of superintendents as well as of grade teachers. The subject will be offered four times each week for ten weeks.

COURSE 2.—History of science. Credits and times of meetings of classes will be as in course 1. This course gives a study of the lives of those scientists who have aided materially in the development of science, especially of the biological sciences.

COURSE 3.—Science teaching. This course of ten weeks embraces a study of best methods for teaching botany, zoölogy and physiology.

Commerce.

BOOKKEEPING AND ACCOUNTING.

COURSE 1.—Elementary bookkeeping. One-half unit. Principles of debit and credit. Forms of opening and closing accounts. Trial balances and statements. Each semester.

COURSE 1*a*.—Similar to course 1. Two hours. For advanced certificate students. Each term.

COURSE 2.—Bookkeeping and business practice. One-half unit. Drill is given in the use of business forms, all business papers being written and handled by the student. First semester.

COURSE 2*a*.—Similar to course 1. Two hours. For advanced certificate students. First, third and fourth terms.

COURSE 3.—Advanced bookkeeping. One-half unit. Commission, shipping and general merchandising business. Use of loose-leaf books. Partnership accounts.

COURSE 3*a*.—Similar to course 3. Two hours. For advanced certificate students. Fourth term.

COURSE 4.—Advanced bookkeeping continued. One-half unit. Wholesale business. Use of auxiliary ledgers and special columns. Card ledger introduced. Brief treatment of single entry and changing from single to double entry.

COURSE 4*a*.—Similar to course 4. Two hours. For advanced certificate students. Fifth term.

COURSE 5.—Bank accounting. Two hours. Organization and management of banks. The work is designed to reproduce as nearly as possible the routine of a bank. Second term.

COURSE 6.—Corporation accounting. Two hours. The organization of a corporation, with special reference to the laws of Kansas. Several sets of books are opened and closed to show the distinctive features of corporate accounting. The main set is that of a manufacturing business using the voucher system. Third term.

COURSE 7.—Philosophy of accounts. Two hours. Accounting treated from the view-point of science and in its relation to political economy. Analysis of complex accounts and statements; general principles of cost accounting, valuations involving interest, treatment of depreciation, capital and revenue accounts, and the use of statistics in determining the condition of a business. By appointment.

COURSE 8.—Auditing. Two hours. Purposes of audits: to detect errors in records, to determine the legality of transactions. Planning an audit, analyzing accounts, methods and forms of procedure. By appointment.

BUSINESS ORGANIZATION.

COURSE 1.—Two hours. The individual business man, the partnership, the corporation. Extractive, manufacturing, and distributive industries. The various departments of a large business and their relations to one another. The market, advertising, credits and collections. The administrative department and accounting methods. By appointment.

COMMERCIAL LAW.

COURSE 1.—Elementary commercial law. One-half unit. Elementary definitions and principles of the law of contracts, sales, negotiable instruments, agency and bailment. The Kansas supreme court reports and standard law treatises are used to supplement the textbook.

COURSE 1*a*.—Similar to course 1. Two hours. For advanced certificate students. Second term.

COURSE 2.—Continuation of course 1. One-half unit. Business associations, including partnerships, joint-stock companies, and corporations; real property, including titles, contracts, and transfers; insurance law.

COURSE 2*a*.—Similar to course 2. Two hours. For advanced certificate students. Third term.

COURSE 3.—Advanced commercial law. Four hours. Detailed study of the law of contracts as to their nature, formation, operation, interpretation and discharge. Concrete cases taken from the reported decisions of

state and federal courts are largely used. These cases cover the entire field of business law. Attention is given to the constitutional questions involved in national and state jurisdiction over the formation and enforcement of contracts. Fourth and fifth terms.

COMMERCIAL AND FINANCIAL HISTORY.

COURSE 1.—History of commerce. Four hours. Text, Webster. Study of world commerce from the earliest times. Effect upon commerce of climate, geographical position, topography, government, religious beliefs, social customs and economic theories. Commercial considerations in national policies. Causes of growth and retardation of commerce. After a glimpse of general history attention is given in considerable detail to the commercial development of the United States. Much library work is required. By appointment.

COURSE 2.—Financial history of the United States. Four hours. The experience of the United States in revenue, banking and currency legislation, in borrowing money and paying debts. The administration of the laws and their effects upon trade and industry. By appointment.

PENMANSHIP.

COURSE 1.—Study of correct position. One-half unit. Muscular movement and its advantages. Practice on ovals and various movement exercises until the muscle is in good control and ease of movement acquired. Practice in making small and capital letters is followed by writing and arranging brief business letters and miscellaneous matter. It is expected that on the completion of this course the student will be able not only to write with ease and symmetry plain, practical letter forms, but to arrange his work on the page with due regard to proportion.

COURSE 1*a*.—Two hours. Same as course 1, but presupposes some special preparation, and requires additional time daily for practice. Each term.

COURSE 2.—Teachers' training course. One hour. Methods of teaching penmanship; blackboard drills and advanced pen work.

STENOGRAPHY.

Cultivation of the ear in distinguishing sounds and habits of close attention are requisites for the successful study of stenography. Accuracy, quick perception and rapid thinking are cultivated from the beginning. Each principle presented receives careful drill. Logograms, contractions and phrases are dwelt upon. In transcription of connected matter, spelling, paragraphing and arrangement must be absolutely correct. Miscellaneous matter is introduced to increase vocabulary and supplement general knowledge. Dictation includes common legal and business forms, selections from standard literature, letters and tabulations. Emphasis is laid on reading shorthand notes and transcriptions. The Benn Pitman system is used.

COURSE 1.—One-half unit. Completion of first half of the text.

COURSE 2.—One-half unit. Completion of text, and practice in reading shorthand.

COURSE 3.—Miscellaneous dictation. One-half unit. Work with graphophone records.

COURSE 4.—One-half unit. Dictation, graphophone work and transcription continued.

COURSES 1*a*, 2*a*, 3*a* and 4*a* are similar to courses 1, 2, 3 and 4, but require additional daily practice. Two hours credit is given for each course. Classes in course 1*a* are organized the first, second and fourth terms.

COURSE 5.—Two hours. Dictation of difficult matter. Speed practice in writing and transcribing.

TRANSPORTATION.

COURSE 1.—Four hours. Prerequisite, course 1 in economics. Brief history of transportation. Great world currents of commerce and reasons for their existence. Water transportation, internal and foreign. Special study of railroad transportation in the United States. Present-day problems. By appointment.

TYPEWRITING.

Careful study of machine. Instruction as to care, mechanism, and possibilities. The touch system is used exclusively. Proper fingering is insisted upon. A light, rapid, smooth and even touch is acquired as early as possible. Accuracy is the first object, though speed should come as a result of practice. Neatness is emphasized. Dictation is given from the beginning, and proceeds from the simplest combination of letters through carefully graded exercises to the most difficult matter. Arrangement of work and tabulations receive special attention. To be able to write without error and at the same time smoothly and rapidly any kind of miscellaneous matter or business document is the end and aim of typewriting, and this object is held before the student throughout the course.

COURSE 1.—Mastery of the keyboard. One-half unit. Diligent practice on words, easy sentences and simple business letters. Envelope addressing, card writing and simple tabulations.

COURSE 2.—Common legal forms and tabular exercises. One-half unit. Special attention to arrangement, spelling and punctuation of dictated matter.

Courses 1*a* and 2*a* are similar to courses 1 and 2, but require more daily practice. Two hours credit for each course. Classes in 1*a* are organized the first, second and fourth terms.

COURSE 3.—Two hours. Speed practice, study of manifolding and carbon work, and use of graphophone with typewriter. Dictated matter of some difficulty.

English.

COURSE 1.—Mechanics of English. A daily ten-weeks course. Classroom work only. For those who do not pass the examination required hereafter of all who enroll for any work in the life-certificate course: Orthography, penmanship, punctuation, capitalization, elementary work in synonyms and antonyms, quotation marks, simple rules for the paragraph, letter forms, etc.; in brief, general mechanical excellences, to the end that each prospective teacher shall be able to present, as well as to procure from pupils in every grade of public schools, good work in manuscript form. Students will be passed from the course as soon as they give evidence of efficiency in the work required.

COURSE 2*c*.—English grammar. A comprehensive study of the elementary principles of English grammar as set forth in the state text, but proceeding from the point of view of the sentence and paragraph rather than of the isolated word or prescribed chapter. The aim is

threefold: To equip the pupil with a body of grammatical doctrine—knowledge; to develop the habit of logical thinking—power; to furnish him with available methods for an intelligent presentation of the principles of the science—teaching ability.

COURSES 2, 3, 4 AND 5.—Two units credit. The state text, Stebbins's Progressive Course in English, forms the basis of the work offered. The reading and study courses in English classics will, as far as possible, conform to "College Entrance English Requirement" for years 1913, 1914, 1915.

For reading (10 units to be selected, two from each group):

1. The Old Testament books — Genesis, Exodus, Joshua, Judges, Samuel, Kings, Daniel, Ruth and Esther. The Odyssey (books I-V, XV-XVII may be omitted). The Iliad (books XI, XIII-XV, XXI may be omitted). Vergil—Æneid. For any unit of this group a unit from any other group may be substituted.

2. Shakespeare—Merchant of Venice, Midsummer Night's Dream, As You Like It, Twelfth Night, Henry V, Julius Cæsar.

3. De Foe—Robinson Crusoe (part I). Goldsmith—Vicar. Scott—Ivanhoe, or Quentin Durward. Hawthorne—Seven Gables. Dickens—David Copperfield, or Tale of Two Cities. Thackeray—Henry Esmond. Mrs. Gaskell—Cranford. George Eliot—Silas Marner. Stevenson—Treasure Island. Bunyan—Pilgrim's Progress (part I). The De Coverley Papers. Franklin—Autobiography (condensed). Irving—Sketch Book. Macaulay—Essays on Lord Clive and Warren Hastings. Thackeray—English Humorists. Selections from Lincoln—including at least the two inaugurals, the speeches in Independence Hall and at Gettysburg, the Last Public Address, and Letter to Horace Greeley; a brief memoir or estimate. Parkman—Oregon Trail. Thoreau—Walden, or Huxley—Autobiography, and Selections from Lay Sermons, including the Addresses on Improving Natural Knowledge, A Liberal Education, and A Piece of Chalk. Stevenson—Inland Voyage, and Travels with a Donkey.

5. Palgrave—Golden Treasury (first series), books II and III, with especial attention to Dryden, Collins, Gray, Cowper and Burns. Gray—Elegy, and Goldsmith—Deserted Village. Coleridge—Ancient Mariner, and Lowell—Sir Launfal. Scott—Lady of the Lake. Byron—Childe Harold, canto IV, and Prisoner of Chillon. Palgrave—Golden Treasury (first series), book IV, with especial attention to Wordsworth, Keats, and Shelley. Poe—Raven. Longfellow—Miles Standish, and Whittier—Snow-bound. Macaulay—Lays of Ancient Rome, and Arnold—Sohrab and Rustum. Tennyson — Garety and Lynette, Lancelot and Elaine, and Passing of Arthur. Browning—Cavalier Tunes, Lost Leader, How they Brought the Good News, Home Thoughts from Abroad, Home Thoughts from the Sea, Incident of the French Camp. Herve Riel—Pheidippides, My Last Duchess, Up at a Villa, Down in the City.

For study: Shakespeare—Macbeth. Milton—L'Allegro, Il Penseroso, and Comis. Burke—Speech on Conciliation with America, or Washington—Farewell Address, and Webster—First Bunker Hill Oration. Macaulay—Life of Johnson, or Carlyle—Essay on Burns.

COURSES 6 AND 7.—One unit. English literature. Historical outline with assigned readings and papers, omitting the writers of the nineteenth century. These courses are designed to give the student a general view of the subject as a preparation for intensive study of special period.

COURSE 8.—Rhetoric and composition. Two hours credit. Required of all students in College courses, but must be preceded by courses 4 and 5 or their equivalent. It offers training in the fundamental principles and practice of English prose discourse. Narration, description, exposition and criticism are presented, with a variety of analytical and constructive exercises. The practical needs of everyday life are kept constantly in view and technical excellence is essential. Semiweekly themes are required. The writing and criticism of longer themes, with a study of the principles of structure. A study of the principles of composition and the qualities of style. Discussion of textbooks and methods of teaching English composition.

COURSE 9.—Drama, with special reference to Shakespeare. Four hours credit. It includes the study and interpretation of four plays—two tragedies, one comedy, one historical play—or their equivalent, with special reference to form, plot, character, ethical values. Other plays will be assigned for special reading. Two papers are required.

COURSE 10.—Nineteenth century literature. Four hours. Authors studied: English—Scott, Shelley, Keats, Wordsworth, Mrs. Browning, Dickens, Thackeray, Carlyle, Matthew Arnold. American—Irving, Cooper, Bryant, Emerson, Hawthorne, Longfellow, Lowell, Whittier, Thoreau, Poe, Howells, James.

COURSE 11.—RHETORIC: (*a*) Literary composition. Two hours. Artistic elements, vision, imagination, unity, emphasis, coherence. Poetry—kinds, form, content and effect are considered. Prose—diction, originality, directness, sincerity and elegance are studied. (*b*) Theme writing. If preferred the student may elect to make a study of theme writing. Daily and fortnightly themes required. This course must be preceded by course 8. Application for admission to the course is made to the head of the department.

COURSE 12.—Rhetoric: Logical composition. Two hours. Exposition, extensive and intensive, and their applications. Scope, aim, method and literary form are discussed and exemplified. Application for admission to this course is made to the head of the department.

COURSE 13.—The short story. Two hours. A reading and constructive course. Application for admission to this course is made to the head of the department.

COURSE 14.—Myth and story. Two hours credit. This course is offered for those who contemplate teaching little children or superintending the work of the grades.

COURSE 15.—Teachers' training course. Two hours. Open to members of the Senior class, College students, and persons offering equivalent preparation and experience. It includes the steps in the historical development of the English language, discussion of methods of presenting work in English courses of study, and the results that should be expected from properly prepared plans of work.

COURSE 16.—Literature. Two hours credit. Selected to correlate with nature study and American history. Offered especially for superintendents, and for teachers of primary and grammar grades. This course gathers together the prose and poetry of "out-of-doors" available for use as language work in correlation with the nature study pursued in a given season of the year. It collates the literature that has been inspired by the deeds of great men and by the events important in the nation's history.

COURSE 17.—Rise and development of English drama previous to Shakespeare. Four hours.

COURSE 18.—Lyric poetry. Four hours.

COURSE 19.—Epic poetry. Four hours.

COURSE 20.—History and development of the modern essay. Four hours.

COURSE 21.—Literary study of the Bible. One hour. Friday, five P. M.

COURSE 22.—American literature. Seminar. Three hours. Monday, Wednesday and Friday.

COURSE 23.—Alfred Tennyson. Seminar. Two hours credit. Monday and Thursday.

COURSE 24.—Robert Browning. Seminar. Four hours.

COURSE 25.—Rise and development of the English novel. Seminar. Four hours.

COURSE 26.—Chaucer. Seminar. Four hours.

General Pedagogy.

GENERAL AND APPLIED METHODS.

COURSE 1.—General methods. Required. Two hours credit. Offered each term. A textbook on the principles of teaching is studied. The following topics are emphasized: The meaning of education; the aims of school education; the scope of school education; the psychological basis of education; instincts and capacities; self-activity; apperception; interests; individual differences in children; attention; principles of association; habit formation; memory; principles of analysis; reasoning; inductive and deductive methods of teaching; the formal steps of instruction; education and conduct; moral training; imitation and suggestion; responses of feeling; the esthetic emotions; taste; motor expression; verbal expression; expression through the arts and industries; teaching form; teaching execution.

COURSE 2.—Primary methods. Elective. Two hours credit. Offered first, third and fifth terms. It is the purpose in this course to offer in lecture form a critical study of methods of presenting principal subjects of instruction in the lower grades. This work is more extended and definite on the various subjects than is possible in the limited time available in connection with the academic and advanced treatment of the same. The teachers will be led to test methods and to govern their application of the same by the laws of mind. After each subject is completed, illustrative lessons will be given with the pupils of the first three years of the Model School.

The principal subdivisions of the work are the following: (1) *Primary reading:* Earliest methods—A-B-C, phonic, phonetic, word, sentence, word steps in a reading lesson; use of illustrations; presenting new words and phrases; silent reading or thought work; expression; the acquisition of a vocabulary; reciting a reading lesson; supplementary reading, questioning; school readers, or entire classic work; seat work. (2) *Nature study and language:* Study objects in nature, showing how they may be used and correlated with language work; use of the story and poem; oral language; written language; primary composition; gardening. (3) *Spelling:* Selection of words; assignment of lesson; steps in the recitation; grouping words; dictation work, relative place of oral and written spelling.

(4) *Arithmetic:* Value as a means of mental training; earliest methods—Pestalozzian, Quincy, Grube, Sonneschein, Speer; use and limitation of objective teaching; early work in fractions, etc.; relations between mental and written work; method of recitation; drills, seat work. (5) *Geography:* Its place in the primary course; home geography; outdoor or field lessons; sand modeling; life in other lands, as taught from Jane Andrews's Seven Little Sisters and The Ten Boys; relation of geography to social life; occupations and industries; map work. (6) *Music:* Staff; breathing, rythm, tone work; ear training and eye training; note and rote work; analysis of song.

In the list of helps are: Sarah Arnold's Waymarks for Teachers; Sarah Arnold's How to Teach Reading; McMurry's Special Method for Reading; McMurry's Special Method for Geography; McMurry's Special Method for Science; Scott's Nature Study; Bailey, Lessons on Plants; Bailey, The Nature-study Idea; Hodge, Nature Study and Life; Hemenway, School Gardening; Clarke, Reading; Parker's Talks on Pedagogy; Cooley, Language Manual; Frye, Sand Modeling.

COURSE 3.—Kindergarten methods. Two hours credit. This course will include subjects concerning the field of the usual kindergarten training, giving a survey of the same on a broad scale and viewed from a psychological and practical standpoint, with hints as to application in primary work. The following topics will be considered: Kindergarten gifts and occupations (the manual training of the kindergarten); kindergarten songs and games, and the physical culture in relation to the games; the art of relating stories; Froebel's Pedagogics; Education of Man; Froebel's Mother Play; Froebel's Educational Laws. All these subjects will be dealt with by means of lectures, free discussions, and practical illustrations. This course may be recommended not only to primary teachers, but to all principals and supervisors, that they may better understand the work of the primary and kindergarten teacher.

HISTORY OF EDUCATION.

COURSE 1.—History of education since the Renaissance. Two hours. This course aims (1) to introduce the student to the chief problems of the history and principles of education, and (2) to furnish him with such a body of knowledge and such a point of view as will be of service to him in solving the problems of the school room and in endeavoring to comprehend why things are as they are in the educational world of to-day. The subject matter of the course may be broadly outlined as follows:

a. Introduction to modern education.
b. Sixteenth and seventeenth century education in England and colonial education in New England.
c. Educational principles, or some important educational thoughts of noted educational thinkers.
d. Educational tendencies from the seventeenth to the twentieth centuries. "Monroe's Text-Book in the History of Education." Lectures and recitations. Offered every term. Prerequisite, psychology 1, 2 and 3.

COURSE 2.—History of education to the Renaissance. Two hours. This course aims to supplement history of education 1 in such a way as to fit students to meet entrance requirements in the history in institutions offering advanced work in education. After a study of the chief characteristics of the educational ideals and practices of the Orientals, of the

Greeks, of the Romans, and of the early Christians, the class studies the Middle Ages and the Renaissance from the point of view of their influence on later educational development. Outlined study of textbook, "Monroe's Text-Book in the History of Education"; reports on topics selected by the students. Prerequisite, history of education 1.

COURSE 3.—History and principles of primary education. Two hours. This course aims to further a closer articulation between the kindergarten and the primary grades through a study of the history and principles of primary education. After taking a brief survey of primary education in Greece, Rome and Medieval Europe, the class studies the evolution of modern primary education from the period of the Reformation to the present time. Especial attention is paid to the study of the development of primary educational ideals and practices in the United States. Textbook, Hoyt's "Studies in Modern Education." Reports on topics selected by the students; paper embodying the results of the study of some educational problem. Offered once each year. Prerequisite, history of education 1.

COURSE 4. History of modern secondary education. Two hours. This course aims to give students intending to become superintendents or high-school principals or teachers such knowledge of the evolution of modern secondary education in Germany, France, England and the United States as will fit them to undertake an intelligent solution of our problems in secondary education, which are kept constantly in mind during the study. Lectures, assigned reading and brief paper summarizing some phase of the term's study. Prerequisite, history of education 1.

COURSE 5.—Greek and Roman life and education. Two hours. Through a study of the sociological phases of Greek and Roman education this course aims to be of service to students intending to become secondary school teachers of Greek and Roman history or of Latin. Important phases of the life of the Greeks and Romans of several periods are studied in order to gain a clear conception of the evolution of the educational ideals and practices of those peoples and of the influence of these ideals and practices upon Greek and Roman life. Assigned readings, reports on topics selected by students, paper summarizing some phase of the term's study. Prerequisite, an elementary course in Greek and Roman history, and history of education 1.

COURSE 6.—German and French life in the 19th and 20th centuries. Two hours. This course aims to meet the needs of two types of students: (1) Students who are intending to teach either modern history or modern languages, and (2) students who are intending to enter the field of school administration. In order to be successful in his work the first type of student needs to take every advantage to gain a more intimate knowledge of the life of the Germans and French. Hence the importance of such a course for such students. On the other hand, the educational systems of Germany and France are the results of adaptation of German and French environments, and consequently in order to thoroughly understand those systems it is necessary to study their educational development in relation to the political, social, industrial and spiritual evolution of the Germans and the French. Lectures, reference work, and reports on topics selected by students. Prerequisite, history of education 1.

COURSE 7.—Evolution of foreign school systems. Two hours. This course aims to furnish the historical survey needed for an intelligent study of comparative national school systems. Problems in American

education are kept constantly in mind. Assigned reading, lectures, topical reports and brief term paper. Prerequisite, an elementary course in school administration, and history of education 1.

COURSE 8.—History of education in the United States. Two hours. This course is planned for students intending to enter the field of school administration and for students interested in the evolution of our American educational ideals and institutions. Especial emphasis is laid upon the development of our schools as social agencies. Present problems and tendencies are discussed and compared with those of England, Germany and France. Reference work, reports, discussions and a brief paper giving the student's solution of some problem of American education. Prerequisite, history of education 1.

COURSE 9.—Greek and Roman thoughts on education. Two hours. A study of important educational writings of noted Greek and Roman educational thinkers. Prerequisite, history of ancient philosophy, and history of education 1.

COURSE 10.—Continental educational thought. Two hours. A study of important educational writings of continental educational thinkers. Prerequisite, history of modern philosophy, and history of education 1.

COURSE 11.—English and American educational thought. Two hours. Prerequisite, history of modern philosophy, and history of education 1.

COURSE 12.—Current educational literature. One hour credit will be given for two terms' work. An additional credit of one hour will be given for two additional terms' work. This course aims to familiarize the student with the best educational magazines and with the current educational thought contained therein. From current educational magazines the students select articles in which they are interested and of which they present a brief review to the class. The class meets once a week in four sections, each section being limited to 15 students. Prerequisite, psychology 1, and methods 1.

PSYCHOLOGY AND PHILOSOPHY.

PSYCHOLOGY.

COURSE 1.—Elementary psychology. Two hours. In this course the simpler aspects of the ordinary phases of mental activity are dealt with. Exercises also are given to develop introspection and to give familiarity with the mental processes. Given each term.

COURSES 2 AND 3.—General psychology. Four hours. A systematic treatment of the subject is attempted. Some experimental work in the line of illustration is given. Individual topics also are assigned for more thorough study. Given at least three times a year.

COURSE 4.—Child psychology. Two hours. Treats generally of the mental development of children, seeking to give a basis for education in the elementary grades. Given second and fourth terms.

COURSE 5.—Comparative psychology. Two hours. In this course a study of the mental life of animals is made and comparisons drawn with human activity, especially that of children. Offered fourth term for 1910-'11.

COURSES 6 AND 7.—Advanced psychology. Four hours. A course in which the subject is studied with considerable detail. Given second semester every two years. Offered for 1910-'11.

COURSE 8.—Psychology of religion. Two hours. A study of the psychological phases of religion, with the aim of improving the quality of religious pedagogy, particularly in Sunday-school and missionary work. Given every two years. Offered the fourth term for 1911-12.

COURSE 9.—Social psychology. Two hours. A study of those interests and instinctive tendencies of the mind that are the result of the community life of the race. Intended as a basis for a more truly social pedagogy. Offered the third term each year.

COURSE 10.—Psychology of adolescence. Four hours. A study of the nature of the adolescent mind. Given with the aim of laying a foundation for the pedagogy of secondary instruction. Given every two years. Offered in the second semester for the year 1911-'12.

COURSE 11.—Abnormal psychology. Two hours. Beginning with sleep and dreams, the student is taken through the borderland phenomena of hypnotism, multiple consciousness, illusions, hallucinations, to spiritism and insanity. Every attempt is made to place the work on a scientific basis and to distinguish between truth and error. Lectures and required readings. Given every two years.

COURSE 12.—Applied psychology. Two hours. In this course important topics in psychology are treated in their educational aspects. Many of these, of the utmost value for the teacher—such, for instance, as the learning process, economical methods of learning, education of the senses, etc.—have little or no space in the ordinary textbook. Something of the results of experimental pedagogy also is given. Offered the fifth term each year.

PHILOSOPHY.

COURSE 1.—Philosophy of education. Two hours. A study of the principles of education with the aim of finding their philosophical implications. Third and fifth terms.

COURSE 2.—History of ancient philosophy. Two hours. This course deals with the beginnings of philosophy, especially Greek philosophy. Some time is devoted to the reading of Plato and Aristotle, followed by a rapid survey of early Christian and medieval philosophy. Offered each year, in first semester.

COURSE 3.—History of modern philosophy. Two hours. A study of the development of modern philosophy from Descartes to the present. A work of some representative modern philosopher is read in connection with this course. Given once a year, in first semester.

COURSE 4.—Philosophical systems. Two hours. A course intended to introduce the student to the systematic study of philosophical problems. Given every two years, in fourth term.

COURSE 5.—Problems in modern philosophy. Two hours. A study of certain tendencies in modern philosophy. In the spring term of the year 1911-'12 pragmatism and idealism will be offered.

COURSE 6.—Logic, deductive and inductive. Two hours. This study aims to cover the ground usually embraced in such a course. Attention of debaters is called to this course. Given in the fall term every two years.

COURSE 7.—Ethics. Two hours. This course begins with a study of the developmental side of the subject. Attention is then given to the historical systems. It should be preceded by courses 2 and 3. Given the first semester every two years.

COURSE 8.—Metaphysics. Two hours. The problems of metaphysics, such as the nature of mind and matter, the nature of reality, the nature and functions of the judgment, the theory of space and time, moral freedom and casualty, will be studied, approaching them from the epistemological side. Based upon assigned readings in Mill, Bradley, Bosanquet, Taylor, Royce and Dewey. Open to Juniors and Seniors. Four recitations per week.

SCHOOL ADMINISTRATION.

COURSE 1.—Rural-school administration. Two hours. The purpose in this course is to consider the practical problems of the rural-school teacher; such as the equipment and arrangement of a modern one-room schoolhouse, the first day of school, the daily program, the recitation, correlation of subjects, discipline, hygiene—in short, to acquaint the student with the work being done in the best rural schools of to-day. Based upon Seeley's text and assigned readings in the library. Four recitations per week. Offered each semester.

COURSE 2.—This is a course in school law. Two hours. Such topics as public funds, the raising and distribution of school taxes, bonds, certification, the district, consolidation of rural schools, the city system, compulsory education, the juvenile court and the high-school system will be considered, basing the work on the Kansas school plan, but making a comparative study of similar laws of other states. Emphasis will be placed upon proposed and desirable modifications in school law. Four recitations per week.

COURSE 3.—Two hours. Designed for students preparing to teach in the elementary grades of city schools. The following topics are emphasized: the qualifications of the teacher, grading and promotion, the recitation process, discipline, study and preparation, school incentives, the school and the community, etc. Text, Dutton, School Management. Four recitations per week.

COURSE 4.—Two hours. This course is designed primarily for students wishing to consider modern school problems, especially such as confront principals and superintendents; for example, problems relating to the financing of public education, units of school administration, the teaching staff, the elementary course of study, the administration of high schools, and the administration of physical and correctional education. The work is based upon Dutton and Snedden's texts, Administration of Public Education in the United States, and Chancellor's text, Our Schools: Their Administration and Supervision.

COURSE 5.—Problems of secondary schools. Two hours. This course is designed to be an intensive study of the problems of secondary education, such as the function of the high school, its relation to the elementary school, the university, and society; the program of studies; the pupil, the teacher, the principal and superintendent; organization and management, discipline, etc. The work of the leading high schools will be studied, but at the same time the practical needs of the smaller high schools will be kept in mind. A comparison of the American with the German and English secondary schools will be made as to their organization and management and the other problems involved. Offered twice a year.

COURSE 6.—Foreign school systems. Two hours. A study of the school systems and supervision in Germany, France and England. A constant comparison is made of school conditions and problems of the United States. Reference and lectures.

COURSE 7.—American school systems. Two hours. A study of American school problems and the way they have been and are being solved by the several states. A comparison with the systems of other countries is made. A certain amount of original investigation is required. References and lectures.

COURSE 8.—Needed school legislation. Two hours. The purpose of this course is to make a comparative study of the school laws of the different states and the various educational reports, with a view to framing one or more bills to be introduced into the state legislature.

TEACHING.

The Training School offers teaching and observation in all grades from the kindergarten through the grammar school. Four hours credit in teaching is required for the three-year certificate, six hours for the life diploma, and eight hours for the degree of bachelor of arts. Prerequisite, psychology 1 and methods 1.

COURSE 1.—Two hours. Five periods per week. Work in outlining subject matter, preparing lesson plans, observation and discussion of work done by other teachers, and teaching in the presence of the critic teacher. Given each term.

COURSE 2.—Two hours. Five periods per week. Student has charge of a class, under close supervision. Given each term.

COURSE 3.—Two hours. Five periods per week. Student will have more independent charge of class and will be held responsible for results. In this course students will demonstrate their ability in teaching. Given each term.

COURSE 4.—Two hours. Five periods per week. Required in degree course. Students taking this course may be required to do supervisory work or teaching as their needs may seem to suggest. Those preparing for principalships and superintendencies may do general observation and critic work with a view to meeting the problems of an entire school. Those planning for high-school work may be given advanced classes to teach. Given each term.

Geography.

COURSE 1.—Physiography. A general view of the subject, such as can be included in one-half year of high-school work. Laboratory and field lessons are given twice a week.

COURSE 2.—Political geography. One-half unit. Includes a special study of North America, with Russell's volume upon the same as a guide as to content, and Redway's New Basis for Geography for the method in treating the same.

COURSE 3.—Commercial geography. One-half unit. Designed to correlate with the work in the department of commerce.

COURSES 1*a*, 2*a*, 3*a*, for advanced certificate students, two hours credit each, cover practically the same work as the above.

COURSE 4.—Intensive study of Europe. Two hours. Presupposes 1 and 2 or 1*a* and 2*a*. The work given is based upon Reclus's Europe. Mill's International Geography is recommended as a reference work.

COURSE 5.—Advanced physiography. Two hours. Salisbury's complete text is used. A special study is made of topographic maps, with a

view to the scientific interpretation of land forms and their influence upon the institutional development of a country.

COURSES 6, 7, 8.—Two hours each. The scope of these courses is sufficiently indicated by their titles: Meteorology, ethnology, climatology.

History.

AMERICAN HISTORY.

COURSE 1.—American history, 1492-1800. One-half unit. A careful, chronological study of the entire field of that period.

COURSE 1*a*.—Two hours. Same as course 1 but given in one-half the time.

COURSE 2.—American history, 1800-1900. One-half unit. A careful chronological study of the entire field of that period.

COURSE 2*a*.—Two hours. Same as course 2 but given in one-half the time.

COURSE 3.—Kansas history. Two hours. The territorial struggle and the state history are presented.

COURSE 4.—Prehistoric discovery and explorations, 1492-1607. Two hours. European conditions leading to our age of discovery. Ancient life on the American continent. Discoverers and explorers are studied as to character, motives, work accomplished and results.

COURSE 5.— History of New England. Two hours. European conditions leading to first settlements. American conditions leading to later settlements. Development of New England.

COURSE 6.—History of the southern and middle colonies. Two hours. European conditions leading to first settlements. Facts necessitating later new colonies. Why the middle country presented questions different from New England and the South. Results. Why the South was slow in development.

COURSE 7.—Social, economic and institutional history of the American colonies. Two hours. An exhaustive study of the rise, development and effect of these various phases of life in each section of the country, from the founding of the colonies to the Declaration of Independence. How it all contributed to independence as an assured fact and made dependence a further impossibility.

COURSE 8.—The American Revolution. Two hours. The story of the struggle of the colonies for independence is always dramatic in the extreme. This course offers abundant opportunities to study the principles involved and the means used by each party to achieve desired ends.

COURSE 9.—Political history of the American nation under the Articles of Confederation. Two hours. The story of the struggle for the new nation to realize itself in government.

COURSE 10.—Constitutional history, 1789-1817. Two hours. The period of foreign domination. The new constitution stands the severe test of most trying conditions at home and abroad.

COURSE 11.—Constitutional history, 1817-1845. Two hours. An era of great internal development. Domestic matters occupy national attention.

COURSE 12.—History of the Southern states, 1776-1860. Two hours. A careful study of growth of these states in their economic, political and institutional life, as a preparation for the solution of the problems of reconstruction.

COURSE 13.—History of the West. Two hours. The place the West has had in the nation's life, meeting its material needs, furnishing its governmental perplexities, shaping its policies, what part its great industries have in the world's economy.

COURSE 14.—Constitutional history, 1845-1860. Two hours. Many economic questions with their constitutional bearings, with special reference to the Rebellion. Rise of new movements, educational, political, philanthropic, religious, literary, governmental.

COURSE 15.—The Rebellion, 1861-1865. Two hours. General facts underlying the precipitation of the conflict. Close study of the great campaigns, to discover designs of leaders and methods used. Resources as to army, navy, supplies, methods of transportation. Attitude of foreign countries. Prominent political leaders. Results.

COURSE 16.—Reconstruction, 1865-1876. Two hours. The problem, what is involved, difficulties surrounding, ends to be attained. As undertaken by Lincoln, by Johnson, by Congress. Leaders and their speeches. Impeachment and the election of 1876. Courses 7, 9, 10, 11, 12 and 14 are excellent preparation for this course.

COURSE 17.—Political history since 1877. Two hours. Sets forth the trend of events in the North and in the new South since the reconstruction times. The prominent place America has taken in international affairs, her high standards for public relations, her giant strides in all lines of activity.

COURSE 18.—The diplomacy of expansion. Two hours. Our territorial growth, reasons for the acquisitions, complications involved, methods employed. Results.

COURSE 19.—History of political parties. Two hours. The necessity for parties; the rise, principles maintained, development, influence and decadence of our political parties before and since the adoption of the constitution, both dominant and minor.

COURSE 20.—Two hours. The various tariff acts as measures of policy and of finance. Their intent, provisions and results. It is advisable to have previously completed courses 9, 10, 11, 14.

COURSE 21.—The great religious movements in America. Two hours. A study of religion as a factor in American history. Kinds, beliefs, methods of work, effect on thought, on migration, on industry, on our institutions, on law and its interpretation. Should be elected as an advanced course.

COURSE 22.—The teaching of American history. Two hours. Each student must work out from the library certain lines of bibliography in American history. Texts are criticized; courses of study are prepared; supplementary reading lists are prepared; certain particular phases of historical presentation are discussed; best methods to be used in different grades and for different parts of the history are presented. In short, this course is to give the future teacher of American history an equipment, first, of sources of knowledge, and, second, methods of using such knowledge. Required of all who elect history as a major. It must be preceded by at least twelve hours' work in American history.

COURSE 23.—Seminar in American colonial history. Two hours. Individual assignments for thorough investigation. Reports and papers. Open only to Seniors and graduates.

COURSE 24.—Seminar in American constitutional history. Two hours.

Individual assignments. Reports and papers. Open only to Seniors and graduates.

GOVERNMENT.

COURSE 1.—One-half unit. The United States constitution is the field of study. Its history, the meaning and the application of each part. Historical illustrations. The actual working of institutions existing because of the provisions of the constitution. Required of all students before any other course in government is elected. Requisites, courses 1 and 2 of American history.

COURSE 1*a*.—Two hours. The same as course 1 but given in one-half the time.

COURSE 2.—Two hours. This course takes up the growth of municipal government, especially that of the leading cities of the United States. Such problems as lighting, sewage, police, transportation and the commission system are studied.

COURSE 3.—State government. Two hours. The Kansas constitution is the field of investigation. Its formation, evolution and application. Legislation, judicial rendering, present problems.

COURSE 4.—Two hours. Advanced study of the United States constitution, as seen in cases which have involved the great principles of our government.

COURSE 5.—Comparative constitutional law. Two hours. The forms of government of the leading countries of Europe are studied and compared with the constitution of the United States. Should be elected only as Senior work.

COURSE 6.—National administration. Two hours. A study of the actual method of administering our national government. What departments, bureaus and officers exist, and what are the duties of each.

COURSE 7.—International law. Two hours. The general principles underlying the relations of nations in peace and in war; the rules governing them in commercial intercourse, in neutrality, and in all lines of diplomatic intercourse. This must be preceded by at least three courses in American history and two in European history.

COURSE 8.—American treaties. Two hours. A critical analysis of the treaties the American nation has entered into with other nations, with a survey of conditions and principles involved. This is applied international law to American diplomacy.

COURSE 9.—Seminar in government. Two hours. Topics for personal study are assigned to individual members of the class. Reports and papers. Open only to Seniors and graduates.

COURSE 10.—Current governmental problems. Two hours. It is intended that the scope of this course shall not be limited to American problems. As a requisite, a good working knowledge of American and European history is desirable.

EUROPEAN HISTORY AND POLITICAL SCIENCE.

COURSE 1.—Ancient history. One-half unit. This course offers a thorough elementary drill in the essentials of general history to the time of Charlemagne. Both first and second semesters.

COURSE 1*a*.—The same as course 1 but given in half the time.

COURSE 2.—Medieval and modern history. One-half unit. Given both first and second semesters.

COURSE 2*a*.—The same as course 2 but given in half the time.

COURSE 3.—History of Greece. Two hours. Emphasis is laid on the artistic, intellectual, religious, social and economic, no less than the political life of the people. Special attention is also given to mythology as an aid to teachers in secondary schools. Fourth term.

COURSE 4.—History of Rome. Two hours. This course follows Rome from the legendary period to the days of her world mastery and fall, laying special stress on her permanent contributions to the civilization of the modern world. Fifth term.

COURSES 5 AND 6.—English history. Four hours. Course 5 covers the period from the Roman conquest to the accession of the Tudors. Course 6 covers the remainder of the history of England down to the present. These courses must precede any advanced work in European history and form the best preparation for work in American history. They should be taken in regular order, but with the consent of the department a grade in either course may be given separately. Given both first and second semesters.

COURSE 7.—The Middle Ages. Two hours. A general survey of the history of western Europe from the fall of Rome to the Reformation. Required of students taking European history as a major. Given second term.

COURSE 8.—Medieval institutions. Two hours. An intensive study of a number of select problems in medieval political and religious institutions and history. Prerequisite, course 7. Given third term.

COURSE 9.—Modern history. Two hours. A general survey of the history of Europe from the Reformation to the present time. Required of all students taking European history as a major, unless two of the three courses 10, 11 and 12 are taken. Given third term.

COURSE 10.—The Reformation. Two hours. This is a distinctively College course covering the causes, events and results of the period of religious reform, 1500 to 1648. Given second term.

COURSE 11.—The French Revolution and Napoleonic era. Two hours. A College course beginning with the industrial and philosophic revolution about 1750 and ending with the reconstruction of Europe in 1815. The dramatic interest of the period will not be neglected, but the chief emphasis will be laid on the idealistic and institutional changes which have reconstructed Europe. Third term.

COURSE 12.—The nineteenth century. Two hours. This course begins with the reconstruction of Europe in 1815 and continues the history of Europe to the present. The development of nationality, the struggles leading to the unification of Italy and of Germany, and the gradual working out in evolution of the principles advanced in the revolutionary era will be carefully traced. It is intended that this course shall form a basis for the study of current history and live problems of the present day. Fourth term.

COURSE 13.—The teaching of history. Two hours. A course dealing with the psychology, methodology and fundamental aims of history. The literature and materials of history are analyzed; the use of sources and collateral readings is discussed and illustrated; the disciplinary and informational values and uses of history are estimated, and methods of classroom work are exemplified by the student. Fifth term.

COURSE 14.—Introduction to political science. Two hours. A course dealing critically with the origin, nature, sovereignty and construction

of the state; the relation of the different parts of the government to each other; the development of colonial systems and party government, and the origin and importance of the problems confronting the statesmen of the present. Given second term.

COURSE 15.—The constitutional history of England. Two hours. A review of the early charters and constitutional struggles of England, the founding and development of parliament and the cabinet, the establishment of the petition of right, the bill of rights, the habeas corpus act, the freedom of the press, of speech, and of worship, and the growth of the English democracy. Courses 5 and 6 are prerequisite. Third term.

COURSE 16.—The government of England. Two hours. An analysis of the present English constitution and the practical workings of the local, central and colonial governments as at present conducted. Courses 5 and 6 are prerequisite. Fourth term.

COURSE 17.—European governments. Two hours. A comparative study of the politics and government of France, Germany, Italy, Austro-Hungary and Switzerland. European governmental systems and problems are compared with our own and a basis laid for the study of diplomatic and practical international questions. Should be preceded by course 14. Fifth term.

COURSE 18.—Municipal government in Europe. Two hours. A study in the administration of such cities as London, Glasgow, Hamburg, Berlin and Paris. Prerequisite, courses 16 and 17.

COURSE 19.—International law. Two hours. A study of the historical development and fundamental principles of the law of nations as illustrated in modern treaties, international agreements and diplomatic literature. Prerequisites, courses 6 and 12.

ECONOMICS AND SOCIOLOGY.

ECONOMICS.

COURSES 1 AND 2.—General economics. Four hours. Course 1 is a brief survey of the history, theory and principles of economics, to be followed in course 2 by a preliminary study in the application of these principles to existing economic conditions and problems. First semester. Course 1 may be taken separately with the consent of the department, and two hours credit given.

COURSE 3.—Money, banking and finance. Two hours. An outline of the history and fundamental principles of money and credit; banking history, theory and practice; and some of the practical financial problems of the day. Course 1 is a prerequisite. Second term.

COURSE 4.—Public finance. Two hours. An analysis of the fundamental principles of national finance as shown in the leading revenue systems of the world; the variety and nature and workings of the different elements of taxation in our national, state and municipal budgets; and an examination of the problems of current interest in legislation. Courses 1 and 3 prerequisite. Third term.

COURSES 5 AND 6.—Industrial history and organization. Four hours. A brief review of the medieval and early English industrial systems; the industrial revolution and its effects; the development of corporate industrial organization and the various problems it entails. The second term will be devoted to the industrial history of America. Prerequisite, course 1 and a good knowledge of English and American history. Second semester.

COURSE 7.—Labor problems. Two hours. Labor systems and organization in Europe and the United States, with a preliminary study of such problems as the union label, strikes and lockouts, workingmen's insurance, employers' liability, profit sharing, coöperative production and distribution, and labor legislation in general. Prerequisite, course 1. First term.

COURSE 8.—Economic seminar. Two hours. A course investigating selected problems in socialism, corporation finance, currency and tariff legislation, labor, liquor and reform programs, railroad tariffs and control, foreign commerce, etc. Specially planned for debaters and those interested in current controversial and political questions. Prerequisites, course 1 and a good knowledge of history. Fourth term.

SOCIOLOGY.

COURSES 1 AND 2.—General sociology. Four hours. The first term outlines the general field of sociological theory, literature and thought, with a textbook, assigned readings, papers and general discussions. The second term will follow with an investigation of a variety of subjects dealing with dependents, defectives and delinquents, sociological legislation and reform, local and urban life. Lectures, assigned readings, reports and term papers. Course 1 may be taken separately and two hours credit given. Second semester.

COURSES 3 AND 4.—Sociological seminar. Two or four hours. The nature of the work will vary from term to term, part of it being in advanced theory and part in detailed topical investigation. Given only when called for by three or more students.

Kindergarten.

COURSE 1.—Principles and method in the kindergarten. Four hours. Observation of teaching, daily records, class work. For first-year students. Given second and third terms. One hour daily.

COURSE 2.—Principles and method in the kindergarten. Four hours. Preparation of plans. Organization of group games and social plays; occupations. Practice teaching in the kindergarten. For first-year students. Fiven fourth and fifth terms. One hour daily.

COURSE 3.—Theory and practice. Four hours. A continuation of course 2, with emphasis on the study of individual children. Teaching in the kindergarten two hours daily, preparation of written plans, criticism. Each student will be responsible for a group of children and will be called upon to take charge of the kindergarten at stated times. Individual work in construction, design, games and stories. For second-year students. Given second and third terms.

COURSE 4.—Kindergarten technics. Two hours. Froebel's theories out of which the gifts and occupations grow, construction, building, modeling, the study of the material used. The planning and presentation of plays for class criticism. The theory of play and its relation to work, the organization of dramatic plays, games, rhythmic plays, etc. For first-year students. Given second and third terms. Two hours each week.

COURSE 5.—Froebel's educational theories. Two hours. A study of Froebel's writings: The Education of Man, and The Mother Play Book. A comparative study of the educational theories of Froebel, Pestalozzi and Herbart, the relation of their views to the philosophy of their time

and their influence upon the present. For second-year students. Given second and third terms. Two hours each week.

COURSE 6.—Study of the kindergarten program. Two hours credit. A study of the principles underlying a continuous plan of work and play. A study of children's representative plays, folk or traditional games, gymnastic and ball games, with reference to their elements of interest and their physical and social value. Selection and adaptation for use in the kindergarten. For first- and second-year students. Given one hour each week during second, third, fourth and fifth terms.

Language.

LATIN.

COURSE 1.—Beginner's Latin. One-half unit. Whittemore's text will be used. About half of the book will be completed the first semester. The aim of this and course 2 is to master the elements of Latin form, declension, conjugation, comparison, and fundamental rules of syntax. The acquisition of a vocabulary is an important aim of this year's work. A new class organized each semester.

COURSE 2.—Beginner's Latin. One-half unit. State text completed. Character of work as in course 1. New class organized each semester.

COURSES 1*a* AND 2*a*.—Beginner's Latin, and twenty-nine chapters of book I, Cæsar.

COURSE 3.—Cæsar, books I and II. One-half unit. Bennett's Grammar. Latin Writer, lessons 1 to 21. The work of extended translation is begun. A thorough drill in principles of syntax, especially use of cases. Offered each semester.

COURSE 4.—Cæsar (advanced), books III and IV. One-half unit. Bennett's Latin Writer, lessons 21 to 44. The work of translation continues. The syntactical study emphasizes the various uses of the subjunctive mode. Offered each semester.

COURSES 3*a* AND 4*a*.—Cæsar, books I to IV (chap. 30). Cicero, four orations. Bennett's Latin Writer.

COURSE 5.—Cicero. One-half unit. Four orations against Catiline. Bennett's Prose Composition. In addition to the translation, special study of conditional sentences. Offered each semester.

COURSE 6.—Cicero (advanced). One-half unit. Manilian law, Marcellus and Archias. D'Ooge, Prose Composition, and original exercises in prose. Study of the Revolutionary period of Roman history, 132 B. C. to 114 B. C. Offered each semester.

COURSES 5*a* AND 6*a*.—Cicero and Vergil.

COURSE 7.—Vergil. One-half unit. Books I, II, III. Translation and mastery of the dactylic hexameter verse. Supplementary mythology. Each semester.

COURSE 8.—Vergil (advanced), books IV, V, VI. Outline of Guerber's Mythology. Offered each semester.

Courses 1 to 8, inclusive, may be covered by strong and mature students, at discretion of teachers of Latin, by courses 1*a* to 6*a*, inclusive. three years instead of four. Counts as thirty hours. Classes organized on sufficient demand.

COURSE 9.—Cicero. Four hours. De Senectute and De Amicitia. Selections from Livy, books XXI and XXII. Open to students who have com-

pleted secondary Latin in Normal or four years of high-school Latin. Will be offered in fall semester of 1911-'12.

COURSE 10.—Roman Antiquities. Four hours. Johnson's Private Life will be used as the basis for study of the private life, social customs, dress and kindred topics. The entire course is accompanied by lectures, library references, use of models, pictures and lantern slides. Will be offered the second semester of 1911-'12.

COURSE 11.—Horace. Four hours. Books of Odes, Carmen Sæculare, Ovid. Selections from Metamorphoses. Special study of Horatian meter. Extensive study of mythology.

COURSE 12.—Advanced grammar, etymology and advanced prose. Four hours. Study of Bennett's Grammar and Appendix complete. One lesson per week in prose composition with Nutting's text. Hill's Etymology will be used as a basis for five weeks' study in word analysis.

COURSE 13.—Latin satire. Four hours. Horace and Juvenal. Selected satires from both authors, with supplementary study of Roman literature for classic period, 80 B. C. to 14 A. D. Offered on sufficient demand.

COURSE 14.—Latin comedy. Four hours. Captivi of Plautus, Andria of Terence, with selected comedies to be used in sight reading. Offered on sufficient demand.

COURSE 15.—Epistolary Latin. Four hours. Selections from the letters of Cicero and Pliny the Younger. Offered on demand.

COURSE 16.—Teachers' training course. Four hours. Study of Cæsar's campaigns; military antiquities; army organization. Methods of presentation of Cicero and Vergil to high-school classes. Will be offered on demand.

MODERN LANGUAGES.

FRENCH.

COURSE 1.—Beginners' French. Four hours. Fraser and Squair's French Grammar, part I; Snow and Lebon's Easy French Reader complete. Dictation, memorizing, oral reproduction, conversation.

COURSE 2.—Beginners' French. Four hours. Fraser and Squair's Grammar completed; Colin's Contes et Saynetes; Feuillet's Roman d'un Pauvre Jeune Homme. Other work as in course 1.

COURSE 3.—Modern French. Three hours. Grandgent's French Prose Composition; Daudet's La Belle Nivernaise; Coppie and Maupassant Tales; Augier's Le Gendre de Monsieur Poirer.

COURSE 4.—Seventeenth century dramatists. Three hours. Grandgent's Composition completed; Moliere's L'Avare; Racine's Athalie; Corneille's Le Cid.

GERMAN.

COURSE 1.—Elementary German. One-half unit. Fraser and Van der Smissen's German Grammar, twenty lessons. Schrakamp's Das deutsche Buch. Dictation, memorizing, oral reproduction, original composition, conversation.

COURSE 2.—Elementary German. One-half unit. Fraser and Van der Smissen's German Grammar, lessons 21 to 50. Volkmann's Kleine Geschichten. Other work of course 1 continued.

COURSE 3.—Second-year German. One-half unit. Fraser and Van der Smissen's German Grammar completed. Stern's Geschichten vom

Rhein. Other work continued as in courses 1 and 2. Heyse's Niel's mit der offnen Hand.

COURSE 4.—Second-year German. One-half unit. Pope's German Composition complete; Fulda's Unter vier Augen; Wildenbruch's Das Edle Blut; Seidel's Leberecht Hühnchen; Hatfield's Lyrics and Ballads.

COURSE 5.—Third-year German. One-half unit. Thomas's Practical German Grammar, part I. Original themes and letters, oral and written reproductions; Schiller's Wilhelm Tell, or Die Jungfrau von Orleans.

COURSE 6.—Third-year German. One-half unit. Thomas's Grammar completed; Lessing's Minna von Barnhelm; Eichendorff's Ausdem Leben eines Taugenichts. Other work as in course 5.

COURSE 7.—Fourth-year German. One-half unit. Keller's Bilder aus der Deutschen Literatur; Hauff's Lichtenstein; Goethe's Hermann and Dorothea.

COURSE 8.—Fourth-year German. One-half unit. Keller's Bilder completed; Körner's Zirny; Rosegger's Schriften eines Waldschulmeisters. In courses 7 and 8, original essays in German on assigned themes will be required.

The following courses, covering the above courses 1 to 8 in three years, are open to strong students who have had at least two years of high school or its equivalent:

COURSES 1*a* AND 2*a*.—Eight hours credit. Fraser and Van der Smissen's German Grammar completed; Stern's Geschichten vom Rhein completed. Gerstaker's Germelshansen.

COURSES 3*a* AND 4*a*.—Eight hours credit. Pope's German Composition; Fulda's Unter vier Augen; Wildenbruch's Das Edle Blut; Seidel's Liberecht Hühnchen; Schiller's Wilhelm Tell.

COURSES 5*a* AND 6*a*.—Eight hours credit. Thomas's Practical Grammar completed; Keller's Bilder aus der Deutschen Literatur completed; Lessing's Minna von Barnhelm; Eichendorff's aus dem Leben eines Taugenichts; Goethe's Hermann and Dorothea; Rosegger's Schriften eines Waldschulmeisters.

COURSE 9.—German composition. Three hours.

COURSE 10.—Elementary conversation. One hour. Open to students by permission of the instructor.

COURSE 11.—Goethe. Four hours. Introductory study of his life. Two dramas. Selected poems.

COURSE 12.—Schiller. Four hours. Introductory study of his life. Wallenstein.

COURSE 13.—Lessing. Four hours. Study of his life. Emilia Galotti; Nathan der Weise.

COURSE 14.—Four hours. Modern German writers. Grillparzer, Hauptmann, Sudermann, and others.

COURSE 15.—Four hours. Modern German writers. Keller, Rosegger, Frenssen, and others.

Courses 11 to 15 are open to students having at least three years credit in German.

COURSE 16.—Two hours. Goethe's Faust, part 2, Thomas's edition.

COURSE 17.—Two hours. History of German literature to Lessing.

COURSE 18.—Two hours. History of German literature from Lessing to the present.

Courses 17 and 18 are open to Seniors only.

COURSE 19.—Two hours. Studies in Schiller's Wilhelm Tell, with special reference to teaching it.

COURSE 20.—Scientific German. Four hours. Rapid reading of easy scientific prose. Open to students who have two years credit in German or have taken courses 1*a* to 3*a*.

COURSE 21.—Educational German. Four hours. A course in German prose for practice in rapid reading of selections from psychology, philosophy, and other related subjects.

COURSE 22.—Sight reading. One hour. Rapid reading or translation of poetry and prose. Open to students who have three years credit in German.

COURSE 23.—Advanced German composition. Four hours.

COURSE 24.—Modern German grammar. Four hours. A study of grammar with special reference to teaching it.

COURSE 25.—German phonetics. Two hours. A careful study of German speech-sounds with reference to teaching them.

COURSE 26.—Teachers' course. Two hours. A study of the methods of teaching modern foreign languages and the organization of courses, lectures, discussions, reports, and observation and practice teaching. Open to Seniors only.

Library Science.

METHOD OF INSTRUCTION.

There are few textbooks on library subjects, and instruction is given in the form of lectures and assigned readings, followed by practice work under supervision, with discussion of both theory and practice. Individual research is encouraged. Examinations take the form of problems wherever practicable.

PREPARATION.

Students who wish to select courses with reference to taking a library course later are advised to consider the following: Modern language, psychology, history, English literature, economics, sociology, science, education and art. Typewriting is required.

COURSE 1.—Elementary reference. Lectures, with practical work following, to make new students feel at home in the library and able to use it to advantage.

COURSE 2.—Library methods. One-fourth unit. Methods of library instruction fitted to pupils in high school and grades; selection of books for school libraries; public school and public library interrelations; school library law.

COURSE 3.—Library economy. Three hours. Instruction follows regular library routine—order, accession, shelf-listing, mechanical preparation for the shelves, binding.

COURSE 4.—Reference. Two hours. Promotes familiarity with well-known reference works, with the use of indexes to periodicals and general literature, with general and special cyclopedias, dictionaries, annuals and ready reference manuals. Lists of questions to be answered by use of the works studied are given and methods of finding answers discussed.

COURSE 5.—Children's literature. Three hours. Reading of pedagogical stories as an introduction; consideration of methods of interesting children in good literature; principles of book selection; establishment of wider knowledge of children's books by actual examination and reading; study of types of the best modern children's books.

COURSE 6.—Story-telling. Three hours. Aim to develop in the student the power to discover in the world's literature, in history and in life the best stories for education, and to tell them well; also to foster creative work in arranging stories from classic and historic sources for presentation in special grades.

COURSE 7.—Classification of books. Three hours. The decimal classification is taught, books being assigned for classification by each student. The work is revised and discussed in class. The expansive and other systems are described. For book numbers use of the Cutter alphabetic order table is taught, with special schemes for certain authors.

COURSE 8.—Library history. Two hours. A study of the foundation and development of leading ancient, medieval and modern libraries, with special attention to the library movement in the United States; library associations and commissions; traveling libraries; coöperative work; relation of public libraries and public schools; some study of library architecture.

COURSES 9 AND 10.—Cataloguing. Five hours. Instruction confined to dictionary cataloguing, special emphasis being laid upon underlying principles. Simplified Library School Rules, Cutter's Rules for a Dictionary Catalogue, A. L. A. rules and A. L. A. list of subject headings are used as bases for instruction. Simple cataloguing for public documents is included. Instruction is supplemented by independent cataloguing under supervision.

COURSE 11.—Bookmaking. One hour. Earliest records; brief study of the history of writing and famous manuscripts; paper making; origin and development of printing; early printer-publishers; noted modern presses; book illustrations; bookbinding from the artistic point of view; growth of the book trade.

COURSE 12.—Public documents. Two hours. Intended to familiarize the student with publications of various government departments; methods employed in printing, binding, indexing and distributing; history of government publication; selection of material for school and small public libraries.

COURSE 13.—Bibliography. Three hours. Special-subject bibliography supplementing the course in reference, with study of the best books of general literature, bringing to the student information concerning the existence of books in certain selected fields, of what they treat, and what they will do for him. It should help both in the field of specialization and general culture.

COURSE 14.—Organization and administration. Three hours. Principles applicable to school libraries and to small public libraries; efficient and economical service kept in view. Prerequisites, courses 3, 7 and 8. Courses 9 and 10 either to precede or to be taken at the same time.

Mathematics.

ARITHMETIC.

Text, Payne's Practical Arithmetic.

COURSE 1.—One-half unit. This course covers the work of the text through the fundamental operations, divisors, multiples, analysis, fractions, decimals, denominate numbers, metric system, business practice, percentage, profit and loss, commission, trade discount, stocks and bonds, taxes, and United States revenue.

COURSE 2.—One-half unit. This course completes the text, covering interest, true discount, bank discount, compound interest, exchange, equation of accounts, ratio and proportion, partnership, bankruptcy, involution, evolution and mensuration. Emphasis is placed upon methods of presentation. Open to all students who have completed course 1.

COURSES 1*a* AND 2*a*.—Similar to the above, for advanced certificate students.

COURSE 3. Two hours. This course is for graduates of high schools and students who have completed courses 1 and 2, and covers the 100 review problems, and reviews the entire text.

ALGEBRA.

Texts, Well's Textbook in Algebra and Payne's Methods in Algebra.

COURSE 1.—One-half unit. This course covers the work of the text through the fundamental operations, divisors, multiples, factoring, fractions, integral equations, fractional equations, simultaneous linear equations, involution, evolution, and theory of exponents.

COURSE 2.—One-half unit. This course covers the work of the text through the topics of integral equations, fractional equations, simultaneous linear equations, involution, evolution and theory of exponents. Open to all students who have completed course 1.

COURSES 1*a* AND 2*a*.—Similar to the above, for advanced certificate students.

COURSE 3.—Two hours. This course covers the work of the text through the topics of surds, quadratic equations, equations solved like quadratics, simultaneous quadratic equations. Open to all students who have completed course 2.

COURSE 4.—Two hours. This course covers the work of the text through the topics of indeterminate equations, ratio and proportion, variation, arithmetical progression, geometrical progression, logarithms, compound interest, and annuities. Open to all students who have completed course 3.

COURSE 5.—Two hours. This course covers the work of the text through the topics of inequalities, graphics, binomial theorem, harmonical progression, determinants, permutations, and combinations. Open to all students who have completed course 4.

COURSE 6.—Two hours. Theory of equations. Open to all students who have completed course 5.

COURSES 3*a*, 4*a*, 5*a* AND 6*a*.—Similar to the above, for advanced certificate students.

GEOMETRY.

Text, Wentworth's Plane and Solid Geometry.

COURSE 1.—One-half unit. This course covers books I, II, III and IV of the text. Open to all students who have completed algebra course 2.

COURSE 2.—Two hours. This course covers books V, VI, VII and VIII of the text. Open to all students who have completed course 1.

COURSE 3.—Two hours. A teachers' course in constructive and solid geometry, giving a review of the entire text. Open to all students who have completed course 2.

COURSES 1*a*, 2*a* AND 3*a*.—Similar to the above, for advanced certificate students.

TRIGONOMETRY.

Text, Wentworth's Plane and Spherical Trigonometry.

COURSE 1.—Two hours. This course covers the work of the text through plane trigonometry and the spherical through the right and quadrantal triangles. Open to all students who have completed course 4 of algebra and course 3 of geometry.

SURVEYING.

Text, Wentworth's Surveying.

COURSE 1.—Two hours. This course embraces the use of drawing instruments, the transit, plane table, solar compass, and Y level—the ordinary work of the county surveyor. Each student is required to spend one hour per day for ten weeks in actual field work with instruments. Open to all students who have completed the course in trigonometry.

ANALYTICS.

Text, Wentworth's Analytical Geometry.

COURSES 1 AND 2.—Four hours. These courses cover the work of the text through the topics of loci, the straight line, the circle, and transformation of coördinates. Open to all students who have completed trigonometry and course 4 of algebra.

COURSES 3 AND 4.—Four hours. These courses cover the work of the text through the parabola, ellipse and hyperbola. Open to all students who have completed courses 1 and 2.

CALCULUS.

Text, Snyder and Hutchinson's Calculus.

COURSES 1 AND 2.—Four hours. Differential calculus. Open to all students who have completed courses 1 and 2 of analytics.

COURSES 3 AND 4.—Four hours. Integral calculus. Open to all students who have completed courses 1 and 2.

ASTRONOMY.

Text, Young's Elements of Astronomy.

COURSE 1.—Two hours credit. Discussion of the leading facts of the science, and the general methods by which these facts are ascertained. Several evenings' observational work with telescope and transit. Nature, location and classification of stars; their grouping in clusters and constellations; their varied characteristics as exhibited in color, doubles, multiples, variables, etc. Verification by observation of the telescopic

features of the moon, the planets, the nebulæ, comets, etc. Phenomena and causes of eclipses. Meteors and shooting stars, together with the nebular and meteoric theories of the evolution of the solar system. No mathematics higher than plane geometry will be required to enable one to do the work of this course. Four recitations per week.

COURSE 2.—The work of this course requires the completion of course 1, higher algebra, plane and solid geometry, plane and spherical trigonometry, and at least one-half year's work in physical science, including mechanics, sound, light and heat.

Music.

VOCAL MUSIC.

The courses in this department have for their end, first, the preparation for teaching and supervision of music in the public schools; second, the development of the individual student along musical lines by laying the foundation for the independent reading of music, correct principles of singing, and a general musical appreciation.

The fact that the demand for qualified teachers and supervisors has been considerably greater than the supply at Emporia and elsewhere is evidence that students who are musically inclined should give due consideration to this opportunity. Requests are frequently received for teachers who, in addition to the training for the teaching of music in the schools, have completed certain work in drawing or elocution.

Teacher's Certificate.—Students who, in addition to the work required for the three-year certificate, complete courses 2, 5, 7, 8, 11, 12, 18 and 22 will be granted a teacher's certificate in public-school music. (Course 19 may be substituted for 11 and 22.)

Supervisor's Diploma.—Holders of the teacher's certificate above mentioned, for one year of additional work under the direction of the head of the department will be awarded a supervisor's diploma in public-school music.

Department Teaching.—The amount and character of specific music teaching, as well as required general teaching, for which it will serve as a substitute, is dependent upon the previous experience and natural ability of the individual student. The election of certain of the courses offered, together with the individual voice training outlined in the department of music, affords as thorough and comprehensive instruction for the soloist or teacher of singing as can be obtained in the leading conservatories of the East. The close correlation of the science of music and sight reading with the practical technique of voice production is of the greatest importance.

COURSE 1.—This deals with the elements of music—pitch, rhythm, notation, sight reading in the treble clef. Designed for beginners. Given each semester.

COURSE 1*a*.—Two hours. The same as the preceding course but especially offered for students who have had some training in the public schools. Offered every term.

COURSE 2.—Two hours credit. Introduction of the bass clef; two- and three-part singing; terminology; minors, ear training. Offered every term.

COURSE 3.—Two hours. Advanced sight reading; four-part work; writing and recognition of intervals and chords. Second and fourth terms.

COURSE 4.—Kindergarten and primary. Required in kindergarten course. Treatment of the child voice; development of the sense of rhythm and melody; selection and presentation of rote songs. Third and fifth terms.

COURSE 5.—Methods. Two hours. Outline of the work for the various grades; means and devices employed in teaching public-school music. First, second and fourth terms.

Prospective teachers or supervisors who have had no experience are required to do teaching in this class before undertaking work in the Model School.

COURSE 6.—Method and Normal practice teaching. Comparative study and application of the several systems of public-schol music. Credit, one hour.

COURSE 7.—Department teaching. Two hours. Observation and teaching in the primary grades of the Training School.

COURSE 8.—Department teaching. Two hours. Observation and teaching in the middle grades of the Training School.

COURSE 9.—Department teaching. Two hours. In the upper grades of the Training School.

COURSE 10.—One hour. Advanced teaching and conducting of chorus.

COURSE 11.—Voice training. One hour. Class work; acoustics and vocal physiology; relation of the speaking and the singing voice; practical drill in the essentials of correct tone production; relaxation, phases of respiration and resonance. Open to students who have completed courses 1 and 2 and are carrying other departmental work as suggested by the head of this department. Offered first, second and fourth terms.

COURSE 12.—Chorus singing. Two hours, for one year's work of not less than fifty rehearsals. Open to students who have completed courses 1 and 2, upon application to the director. Credit is allowed only for uninterrupted attendance, satisfactory work and evidence of advancement.

COURSE 13.—Chorus singing, advanced. Continuation of course 12. Conditions of credit as in previous course.

COURSE 14.—Advanced ensemble practice. Two hours. The study of various vocal forms, including the chant, anthem, cantata, oratorio, madrigal and opera. Open to advanced students and those specially qualified.

COURSE 15.—Harmony. The subject is presented in an elementary and practical manner, that it may be of the greatest value to the supervisor, giving a working vocabulary of chords and leading to a clear understanding of part singing.

COURSE 16.—Counterpoint. Introduction to melody writing and the art of composition.

COURSE 17.—History of music.

COURSE 18.—Two hours. Voice training. Individual. Courses 1*a* and 2 or their equivalent must precede. Designed with special reference to the supervisor as a teacher of correct tone production. Biweekly for two terms, with assigned solo and ensemble practice.

COURSE 19.—Voice training. Two hours. Continuation of course 18.

COURSE 20.—Voice training. Two hours. Continuation of course 19.

COURSE 21.—Voice training. Two hours. Continuation of course 20.

COURSE 22.—Voice training. One hour credit. Designed to accompany course 11.

COURSE 23.—Methods in voice training. Two hours. For advanced vocal students intending to teach singing.

COURSE 24.—Library reading. Public-school music literature. One hour credit.

COURSE 25.—Music appreciation. Designed to acquaint students with standard vocal and instrumental compositions through the acquisition of an ability to listen intelligently. A Victor machine is used for illustration. One hour credit.

COURSE 26.—Continuation of course 25. Study of Faust, Aida, and other extended musical forms.

COURSE 27.—Unaccompanied ensemble. Girls' chorus and men's chorus. One hour credit. Prerequisites, 1*a* and 2*a*.

COURSE 28.—Continuation of course 27. Leading to the presentation of operettas and cantatas adaptable to work in high schools.

PIANO.

The courses in piano are especially designed for school-teachers and public-school music teachers, to whom a knowledge of piano playing will be of practical benefit in the classroom. The courses include training in the fundamental principles, sight reading, accompaniments and selections of the preparatory and intermediate grades.

COURSES 1 AND 2.—Preparatory grades, one unit.

COURSES 3 AND 4.—Preparatory grades, two hours each course.

COURSES 5 AND 6.—Intermediate grades, two hours each course.

HARMONY.

COURSE 1.—A study of the formation and connection of triads, chords of the seventh and their inversions; harmonizing of melodies. Two hours. Each term.

COURSE 2.—A continuation of course 1. Two hours. Third term.

HISTORY OF MUSIC.

COURSE 3.—History of medieval music. A study of the development of musical forms, secular and sacred, and musical instruments. Two hours. Fourth term.

COURSE 4.—Modern music and musicians. Biographies and the works of the composers of the classic, romantic and modern schools. Two hours. Fifth term.

MUSICAL ANALYSIS.

COURSE 1.—The courses in musical analysis are for students who wish to understand and appreciate the works of great composers. Course 1 includes lecture recitals on instrumental music. The symphony, sonata, string quartette and smaller forms are analyzed and explained. Representative types are played in the class. One hour. Second and fourth terms.

COURSE 2.—A study of the construction of vocal music, including the opera, oratorio, cantata and smaller forms. Weekly recitals are given to illustrate these. One hour. Third and fifth terms.

Physical Science.

CHEMISTRY.

COURSE 1.—Four hours. It is a course in inorganic chemistry and includes a study of the fundamental principles and laws of the science with a detailed study of both nonmetallic and metallic elements. Much practice is required in the writing of formulas and reactions and in the solving of chemical problems. General experiments and demonstrations are given in connection with the recitations, and a minimum of four hours a week laboratory work is required. Recitations four hours a week for one full semester. This course is given each semester.

COURSE 1*a*.—For advanced certificate students.

COURSE 2.—Four hours. Qualitative analysis. It includes the detection of acids, bases and salts by several methods. A great amount and variety of practical work is done. This is almost entirely a laboratory course. The equivalent of ten hours' laboratory work per week for one semester is required to complete it. This course will be given once a year.

COURSE 3.—Four hours. It includes both gravimetric and volumetric methods of qualitative analysis. It is almost entirely a laboratory course. The minimum laboratory time is ten hours a week for one semester. This course will be offered once each year.

COURSE 4.—Four hours. Organic chemistry. The aim will be to give a comprehensive view of the various classes of hydrocarbons and their derivatives through the study of a few selected types. The course will be given by means of textbooks and lectures, accompanied by experiments and demonstrations. Some work in analytical and synthetical processes will be done by students in the laboratory. This class will recite four hours a week for one semester. The course will be given once a year, or as often as there is sufficient demand for it.

COURSE 5.—Four hours. A course which may be divided into two equal courses, if desired, and credit obtained proportionately. It includes the analysis of water, milk, and various food substances. It will be offered as often as there is sufficient demand for it.

PHYSICS.

COURSE 1.—Mechanics of solids. Two hours. This is a fundamental course for students who have had little or no work in physics. A year's work in algebra is required and a working knowledge of plane geometry strongly recommended for admission. Fundamental units, gravitation, curvilinear motion, force, work and machines are the subjects of this course. Recitations and demonstrations four hours per week. Laboratory work three hours per week. Given alternate terms throughout the year.

COURSE 2.—Mechanics of fluids and sound. Two hours. Requirements for admission the same as for course 1. In the study of fluids emphasis is given to practical applications of principles studied; value of weather reports, problems of heating, ventilation, etc. This course will be of especial interest to music students. The study of fluids leads naturally to a consideration of sound. The various types of musical instruments are treated—pipes, reeds, strings, the human voice, etc. Special emphasis is given to the physical aspect of tone quality. Graphic methods are largely employed. Recitations four hours per week. Laboratory work three hours per week. Alternate terms throughout the year.

COURSE 3.—Heat and Light. Two hours. Requirements for admission same as for course 1. It should, however, be preceded by course 2. Calorimetry and the transference and transformation of heat energy, the nature of light, reflection, refraction, and dispersion are studied. Industrial phases of the subject are emphasized; *e. g.*, cold storage, fractional distillation, photography, etc. Alternates throughout the year with courses 2 and 4.

COURSE 4.—Magnetism, electricity and radiations. Two hours. Although it is not required, it is strongly recommended that course 3, and if possible courses 1, 2 and 3, be elected before course 4. Electrical machines which have become familiar to every one form the basis for the subject matter in this course. The theory of the subject is studied sufficiently to give a thorough understanding of the principles which underlie electric signals (bells, etc.), the Morse telegraph, wireless telegraph, telephone, power machinery, etc. X-rays and other radiations are demonstrated and discussed. All the above are demonstrated not only by working models in the laboratory, but in so far as possible by excursions to see the machines in commercial use. Emphasis is placed on practical electrical measurements. The power consumed by various electric lights is measured and their efficiency per candle power compared with each other and with other forms of lighting. Alternates with courses 1 and 3.

Physical Training.

GENERAL STATEMENT.

The courses in this department are designed to improve the bodily health and personal efficiency of the students, and to enable them to carry into the schoolroom the knowledge of how to make it a place of normal and symmetrical growth. Work in this department is required of all students, unless regularly excused on account of physical infirmities. In such cases special corrective work can be taken under prescription by the physical directors.

Bath Fees.—A small charge is made each term for the use of locker and bathroom, and entitles the student to a clean towel each time the bath is used.

Athletic Fees.—Those who take the work in any of the athletic sections are required to pay the annual fee of two dollars, which entitles the ticket holder to admission to all intercollegiate games on Normal Field under the management of the School for one year from date of payment of fee. For those who are in attendance during the spring and summer term alone, a special fee of one dollar is charged for the above privileges, which entitles the student to a season ticket for one term only. The foregoing regulations as to fees apply to both the men's and women's departments.

Gymnasium Costume for Men.—The regulation gymnasium costume will be worn in the classes, and will consist of a black sleeveless shirt, full length Turner or Y. M. C. A. trousers, and the regulation gymnasium or tennis shoes. The suits may be had of local firms for a maximum price of three dollars. In order that costumes may be uniform, students are advised to make their purchases after arrival.

Gymnasium Costume for Women.—Each student will find it necessary to own a gymnasium suit, consisting of blouse and bloomers made of black serge, and a pair of gymnasium shoes. These may be ordered through the School after entrance or may be prepared before entering.

In order to have the suits uniform it is advised that they be made after the student arrives at the School or that the student write to the director of physical training for women for information as to pattern and material.

MEN'S DEPARTMENT.

PRACTICE.

Required, four hours, or one hour per semester for two years. Three hours' work per week in gymnastics or athletics during one semester equals a one-hour credit. Of this requirement, at least two hours must be in the regular gymnasium class work.

The remaining two hours' requirement may be of the type just described, or may be elected from the various athletic sections—football, both the intercollegiate and association or soccer games; basket ball, baseball, and track athletics. Regular attendance is required at these exercises, just as in the regular class work of the gymnasium, and records are kept of attendance and proficiency.

COURSE 2.—Elementary gymnastics. One-half hour. Marching tactics, free-hand and light apparatus exercises and gymnastic games. Special attention is given to the correction of faulty posture and carriage of the body.

COURSE 2*a*.—Elementary gymnastics, one-half hour. A continuation of course 2 with a substitution of elementary exercises upon the heavy apparatus for games.

COURSE 3.—Intermediate gymnastics. One-half hour. Body-building and corrective exercises, gymnastic dancing steps, heavy apparatus exercises, and elementary tumbling.

COURSE 3*a*.—Intermediate gymnastics. One-half hour. A continuation of course 3, with pyramid building and more advanced tumbling.

COURSE 4.—Advanced gymnastics. One-half hour. Offered the third and fourth terms to those prepared to take up athletics and folk dancing, individual and companion tumbling, and difficult exercises upon the heavy apparatus. To each member of the class who is able to pass the examination in exercises on the parallel bars, horizontal bar, side horse, flying rings and tumbling mats is given an emblem, consisting of two bars and a diamond made of old gold felt, which is to be worn on the white gymnasium shirt over the left breast. To those of this class who are not able to do the most advanced work but can pass the examination in the more simple exercises, the two bars without the diamond are given. Crowning the emblem is a crescent of the same material, which is given to advanced students who are majoring in physical training and are able to conduct classes through the regular day's order. Students trying for the emblem must wear the regulation gymnasium suit, which must be clean and in good condition.

COURSE 5.—Methods of teaching. One-half hour. For Seniors of the Normal College two-year course who are completing their required four hours' work in physical training. Methods of handling classes in tactics, free-hand exercises, nomenclature and progression of exercises on heavy apparatus are taught.

COURSE 6.—Practice teaching. One-half hour. The two years' required work in physical training is completed by doing assistant teaching for one term in that part of the work in which the student is most proficient. This practice teaching is done under the direct supervision of the instructor in that department.

COURSE 7.—Public school methods. One-half hour per term. This course is for men of college grade who are expecting to be teaching in the public schools soon, and is designed to give a working knowledge of the subject of physical training that can be applied to public school work. The course continues through the whole year, the fall term being devoted to tactics, free-hand and light apparatus drills, and a study of soccer and recreative football and other fall playground games. The two winter terms are devoted to corrective and body-building drills suitable for public school work, basket ball for both girls and boys, and a thorough course in playground games of all kinds. Special attention is given to the arrangement of games and the manner of scoring in game contests and play festivals. The spring term is taken up in a study of track athletics, the rules for managing track meets, and the manner of coaching teams. One hour each term is given over to demonstrations in bandaging and a talk concerning the care of injuries commonly met with in the gymnasium and on the athletic field.

COURSE 8.—Football. One-half hour. Given during second ten weeks only, to men in good physical condition as shown by physical examination. The squad is divided into teams according to ability.

COURSE 9.—Soccer football. One-half hour. Given during second and third ten weeks. Individual and team practice. Valuable both as a vigorous game demanding speed and endurance, and as a preparation for track athletics and basket ball.

COURSE 10.—Basket ball. One-half hour. Classes are organized each term of the year. The A. A. U. game is taught to elementary classes and the inter-collegiate game to the first and second teams. An inter-class series is played during the third ten weeks.

COURSE 11.—Baseball. One-half hour. Given during the first, fourth and fifth ten weeks. Individual and team practice. The squad is divided into teams graded according to ability.

COURSE 12.—Track and field athletics. One-half hour. Given during fourth and fifth ten weeks, only to men in good physical condition as shown by physical examination. Cross-country running is given during the third and fourth ten weeks.

COURSE 13.—Tennis. One-half hour. Given during first, second and fifth ten weeks. Tournaments in both singles and doubles are held during first and fifth ten weeks.

COURSE 14.—Swimming. One-half hour. Elementary and advanced instruction is given during each term of the year.

COURSE 30.—Fencing. One-half hour. Classes will be organized as demand indicates. Individual and class instruction.

In the practice of indoor and outdoor sports, attention is given to form and technique, adaptability of the individual to the various sports; conditions; rules and methods of scoring; team work and strategy. Teams for inter-collegiate competition are maintained in football, soccer football, basket ball, track athletics and tennis.

The rules governing eligibility for participation in inter-collegiate contests are those of the Kansas College Athletic Conference.

NORMAL COLLEGE FOUR-YEAR COURSE.

Required. Four hours. As outlined under Normal College two-year Course.

Elective. As outlined under Normal College Two-year Course.

WOMEN'S DEPARTMENT.

PRACTICE.

Normal Secondary Course.

Required. Three periods a week in gymnastics, athletics or other electives. Two terms of gymnastics must be taken before a student is allowed elective work.

Normal College Two-year Course.

Required. Four hours. Three periods of work per week in gymnastics, athletics, or elective work during one term of ten weeks equals a one-half hour credit. Of this requirement, one hour may be elected according to desires or physical needs, but the other three hours must be regular gymnasium class work, which consists of marching tactics, free-hand and light apparatus exercises, gymnastic games or fancy steps. Regular attendance in all classes is required and records are kept of attendance and proficiency.

COURSE 2.—Elementary gymnastics. Required of all beginners. Three periods a week for ten weeks.

COURSE 3.—Intermediate gymnastics. Required of all students who have completed course 2. Three periods a week for at least twenty weeks.

COURSE 4.—Advanced gymnastics. Open only to students who have passed course 3 with high grades and are physically adapted to advanced work.

COURSE 5.—Practical gymnastics. Three periods a week for twenty weeks. Required of all students during their second year of College work. Special attention is given to accuracy of form, and analysis of exercises in preparation for course 6.

COURSE 6.—Methods and practice teaching. Three periods a week for ten weeks. Required of all students before completing the second year of the College course. Fifty weeks of gymnastics, twenty weeks of athletics or elective work, and course 1 in theory are required before the election of this course.

COURSE 7.—Corrective gymnastics. Open to all students who have need of remedial work. Special attention is given to those having spinal curvature, round shoulders, narrow chests, forward heads, weak backs, pronated ankles, or other physical weaknesses.

COURSE 8.—Outdoor sports. Three periods a week in the spring and fall terms. Open to all students who have completed two terms of gymnastics.

In this course are taught a variety of games, including baseball, soccer, playground ball, cross ball, track athletics and relay racing.

COURSE 9.—Soccer. One period a week for the fall term. Open to students who have passed twenty weeks of gymnastics.

COURSE 10.—Basket ball. One period a week. Open to all students physically qualified.

COURSE 11.—Baseball. One period a week in the spring term.

COURSE 12.—Hockey. One period a week in the spring and fall terms.

COURSE 13.—Tennis. Open to all students having the privilege of electing athletics, one, two or three periods a week.

COURSE 14.—Swimming. One lesson a week is allowed each student.

COURSE 26.—Æsthetic dancing (elementary). Two periods a week.

The purpose of this course is to develop grace and freedom of movement. The classic dancing is emphasized and is now considered one of the most important phases of gymnastic exercise.

COURSE 27.—Folk dancing (elementary). One period a week.

In this course are taught the simple peasant and national dances suitable for recreative and exhibition work with children.

COURSE 28.—Æsthetic dancing (intermediate).

COURSE 29.—Folk dancing (intermediate).

COURSE 30.—Fencing.

Normal College Four-year Course.

Required, 4 hours. As outlined under Normal College two-year course.
Elective. As outlined under Normal College two-year course.

COURSES IN THEORY.

MEN'S AND WOMEN'S DEPARTMENTS.

Normal Secondary Course.

Required (none).
Elective (none).

Normal College Two-year Course.

Required, two hours.

COURSE 1.—Two hours. This course includes the general theory of physical education. The following subjects are discussed: Laws of growth of the human body; effects of exercise on growth; physiological and psychological effects of exercise; the functions of exercise; the relation of bodily defects to growth; postural habits of pupils; first aid to the injured, and symptoms of contagious diseases. The course will be given at least three times each year, and will occupy four hours per week for ten weeks.

Elective.

COURSE 15.—Playground equipment and supervision, two hours. Psychology of play, adaptation of play to varying ages, necessity of supervision of play, construction and equipment, organization and daily program; history and literature of playground movement.

COURSE 16.—Anatomy, four hours. Study is made of the body and of its parts, including bones, articulations, muscles, leverages, with special reference to the subject of physical training.

COURSE 17.—Physiology, two hours. (See physiology 3, under Department of Biology.)

COURSE 18.—Applied anatomy, two hours. Lectures and demonstrations dealing with joint mechanisms, working forces, and effects of postures and movements.

COURSE 19.—Anthropometry, one hour. Includes a study of relationships between different parts of body of the same individual, between different individuals, between an individual and the type to which he belongs. The laws of normal growth are studied. The value of the different measurements and proportions of the body, with instruction and practice in the correct methods of taking and recording them.

COURSE 20.—First aid to the injured, one hour. Includes study of wounds, sprains, dislocations, etc., nature and uses of stimulants, antidotes and antiseptics. Practice in bandaging and dressing of wounds.

COURSE 21.—Prescription of exercise, two hours. One hour a week. Open to students who wish to specialize in this department. In this course the student not only learns how to make and record the physical examinations, but to detect physical defects and give correct exercises to remedy them.

COURSE 22.—Massage, theory and practice, two hours. One hour a week. Open to all students, and required of those who specialize in this department. In this course are given both the practice and theory of massage for practical purposes. When proficient enough the class have the opportunity of treating students in the corrective class who need help for spinal curvature, weak backs, sprains, and pronated ankles.

COURSE 23.—Bibliography of physical training, one hour. A comparative study is made of the different systems of classification in physical training, and of bibliographical methods. A working bibliography is prepared upon a selected topic.

COURSE 24.—History of physical education, four hours. An outline study of the periods in physical training. Lectures and assigned readings. A theme is prepared upon an assigned topic.

COURSE 25.—Histology, two hours.

COURSE 31.—Personal hygiene, two hours. (See physiology 6, under Department of Biology.)

COURSE 32.—Psychology of adolescence, four hours. (See psychology 10, under Department of Psychology and Philosophy.)

COURSE 33.—Child psychology, two hours. (See psychology 4, under Department of Psychology and Philosophy.)

COURSE 34.—Physiology of exercise, two hours. The different types of exercise are studied, with reference to their effects upon growth and organic vigor.

Speech Arts.

ORAL ENGLISH.

COURSE 1.—Reading. One-half unit. Anatomy of respiratory and vocal organs; breath control; voice training; physical exercises for relaxation and poise of the body; carriage and address; technique of reading, how to appeal to the understanding of an audience; interpretation of classics; sight reading; phonics. Given each semester.

COURSE 2.—Reading. One-half unit. Anatomy of respiratory and vocal organs reviewed; breath control; advanced work in voice; principles of gesture; application of these principles in actual gestures; responsive rhythm exercises; technique of reading; how to appeal to the understanding and emotions of an audience; interpretation of classics; sight reading. Given each semester.

COURSE 1*a*.—Two hours. This is the same course as reading 1, but given in ten weeks. In this course less time is given to interpretation of the classics and to sight reading. Given each term.

COURSE 2*a*.—Reading. Two hours. This is the same as reading 2, but given in ten weeks. In this less time is given to interpretation of the classics and to sight reading and more attention to methods of teaching reading. Given each term.

COURSE 3.—Elocution. Two hours. Breath control; voice training; principles of gesture; original gesture work; rhythm exercises; technique

of reading; how to appeal to the *understanding, emotions* and *will* of an audience; interpretation of classics; sight reading; repertoire. Given each term.

COURSE 4.—Bodily expression. The cause of gesture. Muscles and nerves as agents of expression. Exercises for the relaxation of the muscles of the body, for control of muscles, for poise, for ease of carriage; laws of gesture; gestures with words; rhythm exercises for grace and expression. *Descriptive* gestures, and their limitations noted. *Sympathetic* or *suggestive* gestures. *Emotionally manifestive* gestures. Attitudes. Dramatic action: Consideration of action best suited to public speech. Original work in bodily expression to illustrate mental states. Given one hour per week each term.

COURSE 5.—Dramatic interpretation. Shakespeare's tragedies. Two hours. Five of Shakespeare's great tragedies are read and studied. They furnish material for vocal composition by the students, one address per week being given by some member of the class. One play is given special study for vocal interpretation. This requires much memory work, and daily drill in expression and dramatic action. The play thus selected is studied for structure, plot, ethical meaning, interpretation of lines, personation of character, and presentation on the stage. Given the second term.

COURSE 6.—Dramatic interpretation. Shakespeare's comedies. Two hours. Six of Shakespeare's greatest comedies are read and studied by the class. One play is memorized and presented on the stage. Given third term.

COURSE 7.—Dramatic interpretation of Shakespeare's English historical plays. Two hours. These plays are studied, as are the tragedies and comedies of Shakespeare, for vocal interpretation. English history in the plays is noted, Beverley E. Warner's English History in Shakespeare's Plays being used as a work of reference. Given first term.

COURSE 8.—Dramatic interpretation of the modern drama. Two hours. Six of the greatest dramas of the present era are read and studied for material for extemporaneous addresses on the drama and for dramatic interpretation through voice and action. Given two periods per week the fourth and fifth terms, or one period per week from September to June.

COURSE 9.—The Greek drama. Two hours. The plays of Sophocles are studied for structure, for beauty of form, and for dramatic presentation. Lectures are given on "The History of the Drama," "The Ancient Classical Drama," "The Structure of the Drama," and scenes from the dramas are read to the class by the teacher. The English translation of Sophocles' dramas made by Doctor Plumtree is used as a text. Professor Moulton's The Ancient Classical Drama is used for reference. Given the fourth and fifth terms.

COURSE 10.—The technique of oratory. Two hours. As a foundation for the work in oratory each class reviews the subject of oratory, what it is, the kinds of oratory, how an oration is constructed. Then one of Daniel Webster's orations is studied and outlined and its structure noted. Similar work in outlining is repeated from time to time. Parts of great speeches are memorized and spoken for drill in delivery.

The history of the oratory of the American Revolution is studied. Causes that determined the character of this oratory are noted. One hour per week is devoted to extemporaneous speaking on the orators and

oratory of the period. Especial attention is given to the development of the speaking voice for platform work. Exercises are given to develop freedom and dignity of action. Given the second and fourth terms.

COURSE 11.—American oratory. Period of the Civil War. Two hours. This includes the vocal interpretation of great speeches of this period. Excerpts from these speeches are memorized and spoken. The delivery is criticized by the teacher and members of the class. The relation between the speaker and the audience is noted. Extemporaneous addresses on the orators and oratory of the period are given one hour per week. Much attention is given to voice and gesture work. Given the third, fourth and fifth terms.

COURSE 12.—American oratory. Oratory of the present era. Two hours. The change in the character of American oratory and the deeds and speeches of forceful men who are making history are studied. Speeches of note are read aloud for direct conversational delivery. Excerpts from some of these are memorized and spoken for drill in public speaking. Extemporaneous speeches on questions of the hour are made for still greater ease and power in delivery. No set gesture exercises are taught, but every earnest speech spoken gives opportunity for action suited to the thought. Criticism on the action is given when necessary. The voice also receives attention, the object being to make it resonant, flexible, expressive and responsive to the mood of the speaker. This is practical platform work. Given the first and fifth terms.

COURSE 13.—Poetry. Tennyson. Two hours. The poetry of Tennyson is studied for vocal interpretation. The laws of poetic art revealed in his work are noted. Dr. Henry van Dyke's The Poetry of Tennyson is used as a work of reference. Given second and fourth terms.

COURSE 14.—Poetry. Henry van Dyke. Two hours. Dr. Henry van Dyke's poetry is studied for vocal interpretation. The beauty of the thought of his poetry, his poetic expression and the melody of his verse are all dwelt upon, in order that the reading of his lines may be true, sympathetic and artistic. Given third and fifth terms.

PUBLIC SPEECH.

The work of this department is based on the conviction that power in speech is indispensable to a normal human being and that power in public speech is inseparable from the highest efficiency in citizenship. Hence, every effort is made to secure practical and useful results from the training taken. In addition to its objective value speech has a high degree of subjective utility. In a very real sense, speech enriches or impoverishes the soul of the speaker. The work is the life.

COURSE 1.—Oral composition. One-half unit. This course is an application of the laws of thinking, operating in the processes of communicating by means of the voice in speech. Attention is given to the fundamental principles of composition, but all results are subjected to the ear test.

COURSE 2.—Debating. One-half unit. This course includes a brief study of the main principles of argument, analysis, proof, refutation. Students are shown how to prepare as well as how to present an argument. Practice is had in both single and team debates.

COURSE 3.—Literary society and parliamentary law. One-half unit. General literary exercises and discussions. Actual practice in speaking and taking part in a deliberative assembly.

COURSE 4.—Extemporaneous speech. Two hours. The object of this course is the formation of a habit of easy and untrammeled speaking. Confidence in self and message is essential to easy speaking. Verified knowledge obtained through personal contact is the basis of self-possession. Hence, the student is encouraged to talk informally on matters of personal observation and experience. Careful analysis in preparation and logical order in presentation are given attention. Simplicity and directness are emphasized.

COURSE 5.—Vocabulary. Two hours credit. The number and nature of the words used indicate the extent and content of the thinking carried on by the user. In this course is begun a study of the sources and growth of the English language. A brief survey is taken of the inflowing streams of words and the race modifications contributing to form our present speech. The student partially completes an inventory and classification of his vocabulary, examining each word with reference to its expressional value as he has used it, and comparing those values with the meanings indicated in the language of the best writers and speakers. This easily leads to an increase in the stock of words usable in the daily needs of thinking, speaking and writing. Expression values are tested by means of substitution of synonyms.

COURSE 6.—Vocabulary. Two hours credit. This course calls for a more extended study of the race contributions to the English language. Critical examination is made of the use of words by the best writers and speakers. Students are required to make examinations of word effects under various conditions of communication. The completion of course 7 and a reading knowledge of Anglo-Saxon, Latin and French are prerequisites to this course.

COURSE 7.—Oration. Two hours. A careful study is made of the personality of each student, and the training is adapted to individual needs. Attention is called to the nature of oratory, and those peculiarities of structure and style that distinguish it from other forms of discourse. It is necessary to keep in view the audience to be addressed and the end sought, and to let these determine choice of facts and turn of phrase. The art should not be an end in itself.

COURSE 8.—British orators. Two hours credit. A general survey of the great periods of British oratory.

COURSE 9.—Continental European orators. Two hours credit. Deals chiefly with French and German.

COURSE 10.—Great speakers and their speeches. Two hours credit. This course is intended to cover the historic relation of oratory and orators to the civilization of the times. In it are considered the past history of the people; the historical setting of the occasion; the thoughts and beliefs that usually were determinative in their decisions.

COURSE 11.—Argumentation. Two hours credit. Study is made of the principles of argument. A good text is followed but examinations are made of great arguments, the text being taken in full. Particular attention is given to analysis, proof, fallacies and refutation.

COURSE 12.—Argumentation. Two hours credit. Attendance on work of the courts is required. The elements of effective statement of a case are observed in the actual process of argument. Prerequisite, course 9.

COURSE 13.—Debating. Two hours. Teams are required to develop an argument under fire of questions. Briefs are prepared and exchanged. Bibliographies are given attention. Prerequisite, course 9.

COURSE 14.—Debating. Two hours credit. A fuller application of the principles thus far discovered. More time is allowed the individual speakers and they are required to give more attention to platform presence. The psychology of forensic speech is noted. Prerequisite, course 11.

Course 4, or its equivalent, is prerequisite to courses 11 to 13, inclusive. Regular participation in the work of debating clubs is required as auxiliary to the work of courses 11 to 13.

COURSE 15.—Parliamentary law. Two hours. Several manuals are studied comparatively. The work of guiding a deliberative assembly is taught in actual practice. Familiarity with rules of order is secured in the process of presiding.

Major.—For a major in public speech a minimum of sixteen hours must be taken from courses offered in this department. Fourteen hours may be selected from other departments, all courses taken being subject to approval of the head of the department of public speech.

For a major in speech arts fourteen hours must be taken from the department of oral English, the required courses being subject to the approval of the head of that department, and fourteen hours must be taken from the department of public speech, courses 4, 5, 7, 11 and 15 being required. Two courses are elective. The remaining two hours may be selected from any related department, subject to approval by the head of the department of public speech.

Department of Music.

Faculty.

HENRY D. GUELICH, A. B., Mus. B., Mus. Doc. (Northwestern College, Virgil Clavier School, Grand Conservatory of Music, New York).
Director of Department of Music, Professor of the Theory and History of Music.

FRANK A. BEACH, B. L. (University of Michigan; School of Music, Syracuse University; and Juliani School of Opera, Paris).
Professor of Public-school Music, Voice Culture and Chorus.

CARLTON WOOD (pupil of Edward Mollenhauer, New York; Gustav Exner, Berlin; Ottokar Sevcik, Prague).
Instructor in Violin, Stringed Instruments and Orchestra.

FLORENCE CROSS (pupil of Katherine C. Linn, New York; Moritz Moszcowski, Paris). Instructor in Piano.

E. FLOY SCHUMACHER (graduate Hedding College Conservatory of Music, Abbington, Ill.; pupil of Mrs. Barbareux Parry, Centralizing School of Music, Chicago).
Instructor in Voice Culture.

LURA VIRGINIA MUIR (pupil of William Sherwood, Chicago; August Spamuth and Rudolph Ganz, Berlin).
Instructor in Piano.

RAY WINTHROP WINGATE (graduate New England Conservatory, Boston). Instructor in Voice Culture.

MABEL RHODES (graduate Bush Temple Conservatory, Chicago).
Instructor in Piano.

MILDRED BOOMHOWER (Potsdam State Normal School, Potsdam, N. Y.).
Instructor in Public-school Music.

CATHERINE EDITH STROUSE (graduate Winona State Normal School; Thomas School, Detroit; National Summer School, Chicago).
Instructor in Public-school Music.

LILA GRIGSBY (graduate Department of Music, Kansas State Normal School). Instructor in Piano.

MARCELLUS GRADY.
Instructor on Band Instruments and Band.

PLAN OF THE WORK.

The department of music offers systematic and thorough instruction in piano, voice culture, violin, theory and history of music. The general plan of the work is twofold: First, to give the student who wishes to complete a course in the above-named branches an opportunity to receive a general and specific training in music, proficiency in public performance, and a thorough preparation for the profession of teaching. Second, to offer instruction to those students who wish to spend only part of their time in the study of music. Such students may take up special work suited to their needs and attainments. Certain courses in music may be chosen as electives for credit in the regular Normal courses.

COURSES OF STUDY.

The courses of study in the department of music are:

1. A secondary course of four years, designed especially for students who wish to complete the studies of a high-school course and at the same time receive training in piano, voice culture or violin. The latter subjects are an integral part of the course, and count for units of credit for other subjects omitted.

2. A certificate course, open to students who have completed the secondary course and in addition courses 9 and 10 of the advanced course in piano, voice culture or violin; harmony, six hours; history of music, six hours; musical analysis, two hours; normal class, two hours; ensemble playing or singing, two hours; physical training, one hour.

3. A diploma course for students who have completed the certificate course and courses 11 and 12 in piano, voice culture or violin; counterpoint, six hours; ensemble playing or singing, two hours; physical training, two hours; electives, eight hours.

4. A postgraduate course, including courses 13 and 14 in piano, voice culture or violin; fugue, four hours; instrumentation, four hours; physical training, two hours; electives, sixteen hours.

ELECTIVE STUDIES.

Elective subjects may be chosen from the following departments: Art, English, Modern Languages, Pedagogy, Psychology, Speech Arts, Piano, Voice Culture, Theory of Music and Public-school Music. The choice of electives will depend upon the major selected and the general requirements of the student.

In the certificate course one unit of secondary work or six hours in the Normal College courses may be taken in addition to the prescribed course; in the diploma course, eight hours.

DETAILED COURSES OF STUDY.

PIANO.

The most important part of a musical education is the study of the piano. The popularity of the instrument, its general usefulness, and the almost endless wealth of piano literature, are convincing facts in favor of this statement. To produce the best results in the study of the piano it is necessary to have a uniform system, logical and practical, based upon the technical and interpretative capacity of the instrument. The

requirements of the individual is the keynote of this system. The application of selected studies for overcoming difficulties, the study of memorizing for analytical insight, the study of interpretation for artistic performance, and, in general, the gradual development by means of modern technique, are the methods used in this department for the training of the student. The methodical application of these principles will lead the student to understand a composition intellectually and to interpret it with expression and artistic finish. It is the aim of the following courses in piano to prepare students for the profession of teaching, acquaint them with the choicest literature of piano music, and to develop concert pianists.

SECONDARY COURSE.

Preparatory Grades.

COURSES 1 AND 2.—Exercises in the forming of the hand, developing the finger, wrist and arm muscles; technical studies from Koehler, Virgil and Mason; sight reading; easy selections.

COURSES 3 AND 4.—Techincal exercises from Mason and Virgil; etudes for phrasing, rhythm and expression by Sidus, Concone, Gurlitt and Streabog; sight reading; selections from the best modern writers.

Intermediate Grades.

COURSES 5 AND 6.—Etudes for expression and phrasing by Lemoine, Loeschhorn and Concone; octave studies by Gurlitt and Doering; sonatinas selected from the works of Clementi and Kuhlau; technical exercises by Mason, Virgil and Leschetizky; ensemble playing; modern and classic selections.

COURSES 7 AND 8.—Studies by Loeschhorn, opus 66; Heller, opus 46, 47; Duvernoy, opus 120; preludes by Bach; Vogt, opus 145; Wolff, opus 118; technical exercises, selected; sonatas by Mozart, Haydn and Beethoven; selections from the works of modern and classical composers; ensemble work.

ADVANCED COURSE.

COURSES 9 AND 10.—Inventions by Bach; Czerny, opus 740; Cramer studies; Czerny, opus 553; selected technical exercises; sonatas by Beethoven, Mozart and Haydn; movement of a concerto; ensemble playing; modern and classic selections; public performance.

COURSES 11 AND 12.—The Well-tempered Clavichord, by Bach; Clementi's Gradus ad Parnassum; octave studies by Kullak; etudes by Moscheles, opus 70; advanced technical exercises; sonatas by Beethoven and Haydn; modern or classic concerto and suite; ensemble work; practical work in musical pedagogy; recital of classic and modern selections.

POSTGRADUATE COURSE.

COURSES 13 AND 14.—Selected etudes from the works of Chopin, Liszt, Schumann, Henselt and Moszcowski; sonatas, concertos and suites, modern and classic; concert selections of the best composers; public recital.

INSTRUCTION IN PIANO FOR JUVENILES.

A special course of instruction in piano for children is offered by the music department. The plan of the course is to present the work in a simple, clear and interesting manner, and to train the pupil in the fundamental principles of piano playing. The Fælton, Fletcher and Virgil methods will be used as a basis for the work.

The tuition for a term of nine weeks for children in the kindergarten and primary grades is eight dollars. This will entitle the pupil to two private lessons and one class lesson per week. In the private lessons the pupil will receive the personal attention of the instructor, and in the class lesson special training in ensemble work, blackboard drill, ear training, etc. A tuition of five dollars will be charged for one private lesson and one class lesson a week for a term of nine weeks.

The tuition for juveniles, from the age of twelve to sixteen, for a term of nine weeks, eighteen private lessons, is nine dollars.

VOICE CULTURE.

No form of music affords more pleasure to the average listener than a song well sung. The performer has his "instrument" always with him. Contrary to the commonly accepted idea, not the few but the majority can cultivate the art of singing. The mass of public singers to-day are not highly gifted, so much as persons of average musical ability coupled with application and wise study.

In learning to sing certain steps are essential: 1. A vocal and physical development, that the related muscles may become accustomed to the new or increased and yet unconscious action. 2. The education of the student's voice through the ear, accomplished only by frequent hearing of all shades of correct and incorrect tone production as illustrated by the instructor. 3. The gradual establishment in the mind of the pupil of an "ideal" tone for his particular voice, which standard becomes the determining factor in all his future accomplishment. 4. The acquisition of true vocal "sensation" for right tones, as identified by the similarity between the tones and sensations of teacher and pupil. 5. The realization on the part of the student of the varying resonance localities as a result of every pitch change; and of the stability of the resonance-spot for a given pitch regardless of the degree of intensity of the tone. 6. The ability to tune unerringly, instead of singing "flat" or "sharp" as a consequence of misdirected effort at attempted "tone-placing" and "breath-control." 7. The cultivation and enlargement of the individual tone quality; the development of a perfect diction, coupled with a natural and artistic interpretation.

The following courses are designed with the aim of training choir singers, concert soloists, teachers of public-school music, and teachers of singing. They represent the maximum time required for completion; previous study along correct lines, natural musical ability and uninterrupted application make it possible to shorten the period of training varying with the individual.

SECONDARY COURSE.

Preparatory Grades.

COURSES 1 AND 2.—Fundamental principles of voice building; tone and vowel work; correct physical poise, with natural and easy methods of breathing; diction, sight reading and simple songs.

COURSES 3 AND 4.—Advanced exercises for intensified respiration; exercises in major, minor and chromatic scales; etudes for modulation; sight reading and ear training; advanced solo work and choral singing.

Intermediate Grades.

COURSES 5 AND 6.—Studies for enunciation, rhythm and phrasing; acoustics and vocal physiology; sight reading and diction; selected etudes from Concone and Marchesi; songs from modern composers.

COURSES 7 AND 8.—Exercises for attack, legato and staccato; interpretation; solfeggio and ensemble practice; etudes by Lamperti and Lankow; vocalises by Panofka and Shakespeare; ballads and lieder.

ADVANCED COURSE.

COURSES 9 AND 10.—Vocalises in phrasing by Marchesi, opus 3; exercises by Panofka, opus 8; exercises for flexibility, shade and tone color; study in artistic interpretation; selections from the works of English German and Italian writers; public performance.

COURSES 11 AND 12.—Advanced work in technical studies for phrasing; development of natural style and cultivation of dramatic expression; study of piano accompaniments; oratorio and operatic selections; practical work in musical pedagogy; public recital.

POSTGRADUATE COURSE.

COURSES 13 AND 14.—Repertory of English, French, German and Italian songs; technical exercises and vocalises; recitatives, arias and ensemble music from standard operas and oratorios; concert selections; public recital, from the works of modern and classic composers.

VIOLIN.

The course in violin playing is logical, thorough and complete, and is in every case adapted to the individual requirements of the pupil. Great care is taken in laying the foundation principles and developing the pupils along the lines of accuracy and freedom of execution. A good technique, though indispensable to violin playing, should be used only as a means to an end, and its development as it will serve sane and expressive interpretation. The warmth and breadth of tone, a guarded use of vibrato and glissando, control in diminuendo and crescendo, rhythm in tempo, and the many other characteristic attributes which stamp the violin king of solo instruments, are carefully developed. No efforts are spared that will help in developing graceful and artistic performers.

SECONDARY COURSE.

Preparatory Grades.

COURSES 1 AND 2.—Careful study in holding the violin, position of the body, placing of fingers in different keys; fundamental principles of bowing; foundation studies by Gordon and Dancla; violin duets by Pleyel; book I by Kayser; easy selections.

COURSES 3 AND 4.—Scale studies in all keys, varied fingering and simple bowing; arpeggio forms in first and third positions; study of changing positions; studies by Kayser, book II; etudes by Henning and David; selections.

Intermediate Grades.

COURSES 5 AND 6.—Studies in all positions; special studies in changing of positions; etudes by Kayser, book III; violin duets by Maza; symphonies by Dancla; technical studies by Schradieck and Sevcik; ensemble playing; modern and classic selections.

COURSE 7 AND 8.—Scales in all positions, major and minor, in thirds and octaves; etudes and caprices by Kreutzer; advanced studies in double stopping by Sevcik; duets by Viotti and Maza; concertos by Viotti; ensemble work; selections from the works of modern and classic composers.

ADVANCED COURSE.

COURSES 9 AND 10.—Selected etudes and caprices by Kreutzer; studies by Schradieck, books II and III; caprices by Fiorillo; perpetuoso by Paganini; fantasias by Saenger; David's Violin School, book II; concertos, sonatas and selections, modern and classic; public performance.

COURSES 11 AND 12.—Artistic studies by Maza; ten characteristic studies by Allard; Spohr's violin school; caprices by Rhode; advanced technical exercises; concertos, sonatas and selections from the works of modern and classic composers; ensemble playing; practical work in musical pedagogy; public recital.

POSTGRADUATE COURSE.

COURSES 13 AND 14.—Six sonatas by Bach; caprices by Paganini; concertos, fantasias and concert selections from the works of Beethoven, Mozart, Spohr, Vieuxtemps, Wieniawski and Mendelsshon; public recital of modern and classic selections.

INSTRUCTION IN VIOLIN FOR JUVENILES.

A prominent violin teacher and artist of New York city says: "The study of music should begin as early as possible. A solid foundation is indispensable if good results are desired; thus a thoroughly competent teacher is essential from the beginning."

The course of training as outlined in this work is especially adapted for children and is designed to give them just such thorough, fundamental training as will enable them to take up the advanced courses intelligently and with greater ease. Too much stress cannot be placed upon a thorough and correct foundation as a means to future advancement. It is in the beginning that habits of playing are most easily acquired. If these habits are correctly formed the pupil's advancement may go on uninterrupted; if incorrectly formed, then the pupil must at some future time take time to go back and correct the mistakes or the progress is retarded and often must stop altogether.

THEORY OF MUSIC.

HARMONY.

COURSE 1.—A study of triads and their inversions; related keys; transition and modulation; ear training; harmonizing melodies; analysis. Two hours. Each term.

COURSE 2.—Chords of the seventh, ninth, eleventh and thirteenth; dissonant chords; altered chords; cadences; modulations; ear training; original work in harmonizing melodies. Two hours. Third term.

COURSE 3.—Suspensions and retardations; passing and changing tones; pedal or organ-point; modulation; original work. One hour. Fourth term.

COURSE 4.—Open and vocal harmony; chords of five or more parts; modulations; use of minor scales in different forms; practical application of harmonic principles in original work. One hour. Fifth term.

COUNTERPOINT.

COURSE 1.—The principles of harmony applied to the melodious treatment of several voices or parts in combination; strict counterpoint. Two hours. Second term.

COURSE 2.—Free or modern counterpoint in four parts; chorals and melodies harmonized with and without *cantus firmus;* original work in composition. Two hours. Third term.

COURSE 3.—Counterpoint in five, six, seven and eight parts; vocal counterpoint; analysis of choral works; exercises in free composition. One hour. Fourth term.

COURSE 4.—A study of double and triple counterpoint; application of counterpoint in practical composition; analysis and original work. One hour. Fifth term.

FUGUE.

COURSE 1.—Canon in two or more parts or voices; similar and contrary motion; the elements of a fugue; exercises in free composition. Two hours. Second term.

COURSE 2.—Analysis and composition of fugues, instrumental and vocal; work in advanced composition. Two hours. Third term.

INSTRUMENTATION.

COURSE 1.—Lectures on the art of instrumentation, with special reference to the compass, quality of tone, balance and contrast of the various instruments; exercises in simple orchestration. Two hours. Fourth term.

COURSE 2.—Practical work in orchestration in the larger forms, using for this purpose selections from the standard works and the original compositions of the student. Two hours. Fifth term.

HISTORY OF MUSIC.

COURSE 1.—Ancient music. Origin and development of music of ancient and oriental nations; lectures and readings. One hour. Second term.

COURSE 2.—The early Christian era. History of music during the polyphonic epoch. One hour. Third term.

COURSE 3.—History of mediæval music. A study of the development of musical forms, sacred and secular, and musical instruments. Two hours. Fourth term.

COURSE 4.—Modern music and musicians. Biographies and works of the great composers of the classic, romantic and modern schools. Two hours. Fifth term.

MUSICAL ANALYSIS.

COURSE 1.—The courses offered in musical analysis are for students who wish to understand and appreciate the works of the standard composers. Course 1 includes lecture recitals on instrumental forms. The symphony, sonata, string quartette and the smaller forms are analyzed and explained. Representative types are played in the class. One hour. Second and fourth terms.

COURSE 2.—A study of the construction of vocal forms, including the opera, oratorio, cantata and smaller forms. Weekly recitals are given illustrating these. One hour. Third and fifth terms.

NORMAL CLASS.

COURSE 1.—A special course for students preparing themselves as teachers. The work embraces lectures on methods of teaching; papers and discussion by students; and a monthly conference devoted to current events. Two hours. Offered second semester.

ENSEMBLE PLAYING.

COURSE 1.—Ensemble playing classes in piano and violin meet weekly for the study of concerted music. Four- and eight-hand music and chamber music for stringed instruments form the basis of the work. This practice enables the pupil to become acquainted with many masterpieces and receive training in sight reading and accompanying. Two hours credit for one year's work.

COURSE 2.—Advanced ensemble playing. Continuation of course 1. Two hours credit for one year's work.

RECITALS.

Recitals are given twice a month by students of the department. All regular students are expected to attend these and take part. These appearances are of great assistance in helping the student to acquire ease and self-possession, essential to a public performer. A credit of two hours for one year is allowed for satisfactory work in the diploma and postgraduate courses.

General Information.

REQUIREMENTS FOR GRADUATION.

A certificate of merit will be given to those students who complete successfully the certificate course in piano, voice culture or violin.

A diploma of graduation will be awarded to students who have satisfactorily completed the prescribed work of the diploma course in piano, voice culture or violin.

Students completing the postgraduate year in piano, voice culture or violin, will receive a diploma stating the amount of work accomplished.

SUMMER TERM.

Students may pursue any of the regular courses during the summer term.

RECITALS AND CONCERTS.

The work of the year is interspersed with public recitals and concerts given by pupils, members of the teaching staff and musical organizations.

COURSES FOR PUBLIC-SCHOOL TEACHERS.

The present tendency to include musical subjects in the courses of the graded school and high school has opened a new field for the school-teacher. In some of the larger high schools, harmony and history of music have been added to the curriculum. Even the study of piano and voice culture for credit has been tried with success. In public schools where musical subjects are not included in the regular courses a knowledge of music and some technical training would enhance greatly the teaching proficiency and general usefulness of the instructor. To be able to play a hymn, a song or an accompaniment, and to sing acceptably, is a useful acquisition in the training of a school-teacher. In many instances the teacher possessing this accomplishment is given the preference. The department of music aims to meet these requirements by offering certain courses in piano, voice culture, musical analysis, harmony and history of music as electives in the regular Normal courses. These will be found on pages 56 and 97.

EQUIPMENT.

The department of music occupies a building of its own, with well-equipped studios, classroom, piano and clavier practice rooms. The library contains a choice collection of books for reference, vocal and instrumental scores of operas, symphonies, chamber music, oratorios, cantatas, etc.

ORGANIZATIONS.

The organizations maintained by the department are an orchestra, band, chorus, mandolin and guitar club and smaller organizations. These are free to students who are able to meet the entrance requirements.

REGULATIONS.

All tuition is payable strictly in advance, at the beginning of each term. All work in this department is suspended on legal holidays as given in the calendar of this catalogue. Students may enter at any time. However, it is best to enroll at the beginning of a term. All lessons lost by absence or tardiness of the pupil will be the pupil's loss, unless reasonable previous notice of the expected absence is given, in which case the lesson will be made up within the term only. A record is kept of all completed work in technical and theoretical music. Students must complete a full term of lessons or class work in order to receive a grade for the work. Students leaving or discontinuing lessons during the term time forfeit all payment, except in case of protracted illness, in which case the balance will be allowed upon a subsequent term or half the loss will be borne by the department. All students who wish to take up work in this department must receive an assignment card from the director of music. This card must be presented to the registrar and exchanged for a permit. No student will be permitted to receive instruction or enter a class until the tuition has been paid and the permit has been presented to the instructor.

RATES OF TUITION.

The year consists of five terms of nine weeks each, two lessons weekly. The rates quoted below are for a term of nine weeks, eighteen lessons. For one lesson a week half the regular rate is charged, with the exception of the kindergarten course, which is five dollars.

PIANO.

Kindergarten or primary grade course	$8.00
Juvenile course	9.00
Secondary course, preparatory grades	13.50
Secondary course, intermediate grades	15.00
Advanced course	18.00
Preparatory grades, first year, for adults, with assistants	9.00

VOICE CULTURE.

Secondary course, preparatory grades	13.50
Secondary course, intermediate grades	15.00
Advanced course	18.00

VIOLIN.

Juvenile course	9.00
Secondary course, preparatory grades	13.50
Secondary course, intermediate grades	15.00
Advanced course	18.00

MANDOLIN, GUITAR AND BAND INSTRUMENTS.

Band and orchestral instruments	13.50
Mandolin and guitar	10.00

THEORY AND HISTORY OF MUSIC.

In the courses in theory and history of music there are ten weeks to a term. The rates given below are for a term of ten weeks.

Harmony, in class	$5.00
History of music, in class	5.00
Musical forms, in class	5.00
Counterpoint, in class	10.00
Fugue and instrumentation, in class, each	10.00
Private lessons in any of the above courses	15.00

Courses in ensemble playing and singing, musical analysis are free.

PIANOS AND PRACTICE CLAVIERS.

One hour a day, for a term of ten weeks	$1.80

Two or more hours at the same rate per hour.

Register of Students.

GRADUATES.

FOUR-YEAR COLLEGE COURSE.

CANDIDATES FOR GRADUATION IN JUNE.

Brown, Frank E., Garnett.
Harder, George E., Emporia.
Honska, Otto J., Lost Springs.
Hunter, J. T., Holton.
Lewis, Charlotte, Emporia.
Ostlund, Emma, Clay Center.
Pomeroy, Wilbur, Emporia.
Robertson, Maude May, Emporia.
Salser, Carl W., Emporia.
Speer, D. Anna, Effingham.
Turner, Clair K., Chanute.
Wooster, L. Dwight, Emporia.

CANDIDATES FOR GRADUATION IN AUGUST.

McCormick, Charles W., Atwood.
Metzler, L. F., Burlington.

TWO-YEAR COLLEGE COURSE.

CANDIDATES FOR GRADUATION IN JUNE.

Allen, A. W., Kingman.
Anderson, Lawrence B., Alma.
Armstrong, Eva, Wathena.
Baker, H. Violet, Topeka.
Banker, Beatrice, Russell.
Bradley, Helen, Norcatur.
Brazelton, Senter, Wathena.
Bridges, Edna, Almena.
Canty, May L., Buffalo.
Canty, Virginia, Buffalo.
Carter, Nellie, Minneola.
Chipman, Helen, Stockton.
Coleman, Mary L., Emporia.
Cornick, Alice, Anthony.
Crose, Leah, Beloit.
Dickinson, Guy E., Le Roy.
English, Lucile, Iola.
Erikson, Etna, Junction City.
Everley, Garnett, Emporia.
Fanska, Katherine, Americus.
Ferguson, DeWitt T., Oklahoma City, *Okla.*
Finlayson, Edith E., Summerfield.
Frossard, Myrtle, Russell.
Frye, Peoria, Lincoln.
Fulton, Ina, Towanda.
Funk, Peter Cornelius, Hillsboro.
Gaston, Nina, Erie.
Gilbert, John E., Lincolnville.

TWO-YEAR COLLEGE COURSE.

Goodwin, Grace,
Abilene.

Hally, Thomas,
Delphos.

Hansen, Lucille M.,
Greenleaf.

Hermann, Charlotte,
Kansas City, *Mo.*

Hochstetler, Sopha B.,
Fairview.

Hoffman, Mabel E.,
Reece.

Hornbaker, Clyde O.,
Castleton.

Houston, Eula,
Potwin.

Howell, Edith,
Emporia.

Isaacs, June Joyce,
Meriden.

Jacobs, V. G.,
Athol.

Johnston, Belle,
Douglass.

Kappelmann, Benjamin,
Linn.

Kendall, Elizabeth,
Smith Center.

Kerr, Ethel E.,
Americus.

Knowles, Annabel,
Wellington.

Lipper, Fred,
Leoti.

Loveless, Opal,
Emporia.

Lynch, William R.,
Admire.

McLeland, Claude A.,
Chanute.

Marsh, Bessie,
Kincaid.

Mealey, Ethel,
Emporia.

Messenger, Fred H.,
Basil.

Meyer, Fred W.,
Linn.

Miner, Verne E.,
Burlingame.

Moore, Webster Carroll,
Thayer.

Morgan, Ivy B.,
Sylvan Grove.

Newbrey, Lillie,
Emporia.

Oliver, C. O.,
Elk City.

Parkhurst, Caroline,
Hollywood, *Cal.*

Peek, Mildred,
Seneca.

Peterson, Daniel,
Atlanta.

Phenicie, Harriett,
Reno.

Porter, Belle,
Mayetta.

Powers, Jean H.,
Emporia.

Pruett, Bertha Lee,
Larned.

Reser, Antoinette,
Bigelow.

Rife, Mildred,
Anthony.

Roberts, Bessie M.,
Emporia.

Robison, A. B.,
Emporia.

Ross, Edna W.,
Burr Oak.

Rundus, Caroline,
Munden.

Scott, Agnes,
Logan.

Skaggs, Joseph E.,
Leavenworth.

Skinner, Lucile,
Harper.

Sloan, James C.,
Eskridge.

Snyder, Georgia,
Abilene.

Speer, Charles A.,
Howard.

Staley, Grace,
Richmond.

Stickel, Florence O.,
Toledo, *Iowa.*

Stradal, Carrie,
Wa Keeney.

Taylor, Lee J.,
Emporia.

Tefft, Margaret,
Garnett.

Thowe, A. F.,
Americus.

Treadway, Florence Theresa,
Emporia.

Vermillion, Lillie E.,
Emporia.

Vezie, Olive,
Carlyle.

Voiers, Humphre,
McCune.

Wagner, Ella J.,
Ellsworth.

Walker, Josie,
Edmond.

TWO-YEAR COLLEGE COURSE.

Ward, Lola Edna,
Emporia.
Wegley, Addie,
Emporia.
Werther, Caroline M.,
Ashton.
Williams, John R.,
Emporia.
Wright, Charles C.,
Reading.

CANDIDATES FOR GRADUATION IN AUGUST.

Armstrong, Eva M.,
Wathena.
Beck, Anna Marie,
St. John.
Coleman, Cora E.,
Emporia.
Cook, Gracia,
Parsons.
Cornick, Anna L.,
Anthony.
Field, Harry,
Yates Center.
Franzen, J. H.,
Goessel.
Green, Eleanor,
Leavenworth.
Heaney, Arthur,
Healy.
Harrigan, Jo,
Marysville.
Hemenway, Addie,
Emporia.
Hughes, Agnes,
Kingman.
Hungerford, Herbert,
Lawrence.
Isaacs, Osa Lee,
Meriden.
Jones, Catherine P.,
Emporia.
Jones, Humphrey,
Emporia.
Kirk, Leta,
Emporia.
McCarroll, Anna,
Emporia.
Miller, Florence G.,
Thayer.
Montgomery, Alice,
Wilsey.
Moody, Sylvia,
Topeka.
Morgan, Sara,
Emporia.
Myrick, Mrs. Mary Hall Davidson,
Hill City.
Oakes, Martha,
Peru.
Peters, Roy S.,
Emporia.
Rankin, Roy,
Lawrence.
Rector, Clara M.,
Emporia.
Richardson, Ada L.,
Belle Plaine.
Smith, Mary O.,
Lincoln.
Shuey, Ada,
Emporia.
Strode, Verna Alma,
Iola.
Thompson, Clare C.,
Moran.
Wegley, Inez,
Emporia.
Wier, E. Mae,
Blue Mound.
Wright, Florence,
Le Roy.

KINDERGARTEN COURSE.

CANDIDATES FOR GRADUATION IN JUNE.

Christenson, Minnie.
Kansas City, Kan.
Corning, Dorothy,
Girard.
Johnson, Grace,
Hartford.
Kjellin, Mrs. Anna,
Emporia.
McCandless, Mabel,
Ottawa.
Osborne, Mrs. Elizabeth,
St. John.
Rosecrants, Ola Grace,
Emporia.

CANDIDATES FOR GRADUATION IN AUGUST.

Butin, Leila,
Fredonia.
Hail, Florence,
Emporia.

MUSIC.

Diploma Course.

PIANO.

Douglass, Flossie,
Emporia.

Goodwin, Leola Nell,
Emporia.

Myers, Edith M.,
Hamilton.

Marsh, Mrs. Laura,
Emporia.

Norman, Bessie,
Emporia.

Stone, Mabel,
Emporia.

VOICE.

Banker, Beatrice,
Russell.

Guettel, Dora,
Emporia.

Guettel, Marian,
Emporia.

Shearer, Ada L.,
Emporia.

VIOLIN.

Louthan, Beula,
Sutherland, *Iowa.*

Weatherly, Marie,
Emporia.

Certificate Course.

PIANO.

Carr, Sylvia,
Emporia.

Coleman, Madeline Violetta,
Emporia.

Dahmer, Bernice,
Jasper.

Ervin, Mrs. Estella,
Emporia.

Fessenden, Madge,
Emporia.

Germann, Louisa C.,
Alta Vista.

House, Hazel,
Marysville.

Houser, Grace E.,
Anthony.

Jones, Martha E.,
Emporia.

Lock, Lora,
Emporia.

Nelson, Mabelle,
White City.

Wayman, Pearl,
Emporia.

Williams, Maude,
White City.

Yearout, Chrissie,
Dunlap.

VOICE.

Darrough, Alma,
Emporia.

Germann, Louisa C.,
Alta Vista.

Ireland, Ernest,
Emporia.

Kissell, Neva May,
Emporia.

Myers, Edith M.,
Hamilton.

Parker, Ada O.,
Emporia.

VIOLIN.

Gower, Frances,
Russell.

McCrory, Maurice,
Emporia.

PUBLIC-SCHOOL MUSIC.

Banker, Beatrice,
Russell.

Gambill, Katherine,
McCune.

Gaston, Nina,
Erie.

Hall, Jessie E.,
Emporia.

Kissell, Neva May,
Emporia.

Newbrey, Lillie,
Emporia.

Shearer, Ada L.,
Emporia.

Snyder, Elma,
Iola.

Stickel, Florence O.,
Toledo, *Iowa.*

Wegley, Addie,
Emporia.

UNDERGRADUATES.

NOTE—In parentheses, at the right of the names, abbreviations show classifications as follows: N-1, first-year Normal; N-2, second-year Normal; N-3, third-year Normal; N-4, fourth-year Normal; C-1, first-year College; C-2, second-year College; C-3, third-year College; C-4, fourth-year College. 1, Training School; 2, Kindergarten; 3, Kindergarten Training; 4, Music; 5, Irregular; 6, Library; 7, Commercial; 8, In Absentia.

Abraham, Erma, (C-1).
Emporia.

Adams, Minnie, (N-3).
Bronson.

Adams, Susie, (N-4).
Grenola.

Adamson, Jennie, (N-4).
Erie.

Adamson, Nellie D., (N-4, 4).
Erie.

Addison, Mrs. Idah Bradley, (N-3).
Sparks.

Aikman, Charles, (1).
Emporia.

Akins, Flora, (N-3).
Halstead.

Akins, Nelda, (N-1).
Halstead.

Albright, Annie, (N-1, 4).
Bloom.

Alcorn, James M., (C-2).
Salina.

Alder, F. E., (C-3).
Leonardville.

Alexander, Blanche, (N-1).
Garnett.

Alexander, Buckle, (N-3).
New Ulysses.

Alexander, Clifton, (N-3).
Olpe.

Alexander, Effie, (N-3).
Olpe.

Alexander, Myrtle, (N-1).
Cimarron.

Alexander, Roger, (C-1).
Emporia.

Allen, Blanche. (7).
Bison.

Allen, Everett, (N-1).
Emporia.

Allen, Forrest, (N-1).
Chanute.

Allen, George A., jr., (C-2),
Erie.

Allen, James Garfield, (N-4).
Hewins.

Allen, La Veta A., (C-1).
Fort Scott.

Allen, Minnie Lee, (N-3).
Windom.

Alltus, Bertha, (N-1).
Emporia.

Alvord, Alice, (2).
Emporia.

Alvord, Ilda, (1).
Emporia.

Ambrose, Vida Ethelyn, (N-1, 4).
Blue Rapids.

Amphlett, Anna Laura, (N-1).
Neodesha.

Anderson, Belle, (N-1).
Dodge City.

Anderson, Carl M., (1).
Emporia.

Anderson, Edgar, (N-1).
Hartford.

Anderson, Edna B., (N-1).
Gypsum.

Anderson, Etta, (C-1).
Cottonwood Falls.

Anderson, Flora, (5).
Topeka.

Anderson, Harriett Vivian, (N-3).
Kansas City.

Anderson, Helen, (C-1, 4).
Emporia.

Anderson, Lewis Henry, (N-1).
Plevna.

Anderson, Nannie, (C-1).
Bronson.

Anderson, Ruby, (N-2).
Ionia.

Andre, Bess L., (C-1).
Quenemo.

Andreas, Myra, (N-1).
Vernon.

Andrews, Ruth, (1).
Emporia.

Andrews, Julia, (1).
Emporia.

Appletrad, W. E., (C-1).
Leonardville.

Arbuthnot, Mary C., (C-1, 4).
Belleville.

Ard, Hazel, (N-1).
Elsmore.

Armour, Katharyn, L., (C-2).
Garnett.

Arneal, Anna Mae, (3).
Emporia.

Arnold, Cora E., (N-4).
Burlington.

Arnold, Mamie, (N-4, 4).
Cottonwood Falls.

Ashenfelter, Leverne, (C-1).
Burns.

Atherly, Flora, (N-1).
Hartford.

UNDERGRADUATES.

Attkisson, Mae, (N-1).
Hepler.

Austenfeld, Bertha, (N-3).
Emporia.

Austenfeld, Mary Rosa, (N-1).
Emporia.

Austenfeld, Theresa, (N-2).
Emporia.

Austin, Calvin, (1).
Emporia.

Austin, Gertrude, (1).
Emporia.

Austin, Glenn, (N-1).
Emporia.

Austin, James Jackson, (2).
Emporia.

Austin, Seneca, (1).
Emporia.

Ayres, John C., (N-1).
Emporia.

Bahret, Elsie F., (N-3).
Soldier.

Bailey, Aletha A., (C-1).
Great Bend.

Bailey, Anna, (C-1).
Peabody.

Bailey, Irene, (N-1).
Utopia.

Bailey, Lenora I., (N-2).
Hepler.

Bailey, Warren, (2).
Emporia.

Baird, Edith, (N-4, 4).
Deerfield.

Baird, Grace Lorene, (C-1).
Deerfield.

Baird, Ray, (2).
Emporia.

Baker, Annie Florence, (C-3).
Topeka.

Baker, Ira W., (C-1).
Cherryvale.

Baker, Julia M., (C-2).
Cherryvale.

Balding, Clara W., (4, 5).
Osage City.

Balding, Florence, (N-3, 4).
Medicine Lodge.

Baldridge, F. Kirk, (C-1).
Dodge City.

Baldwin, Mildred Cadwell, (1).
Emporia.

Ball, Roena, (5).
Melvern.

Balmer, Benjamin F., (N-4, 4).
Emporia.

Balmer, Marie, (1, 4).
Emporia.

Balston, Georgene, (N-4).
Palmer.

Baltz, Guy, (C-2).
Attica.

Banesberger, Frank, (4).
Emporia.

Baptist, Irene, (4).
Emporia.

Baptist, Leona, (N-1, 4).
Emporia.

Baptist, Lucy C., (N-4).
Emporia.

Baptist, Myrna, (1, 4).
Emporia.

Barber, Amy Louise, (N-1, 4).
Atchison.

Barber, Edith, (N-3).
Atchison.

Barber, Nettie W., (5, 8).
Kirwin.

Barbre, Adelaide, (C-1).
Hartford.

Bare, Glen, (1).
Emporia.

Bare, Lillian, (N-3, 4).
Ottawa.

Bare, Loyd, (N-1).
Ottawa.

Barlow, Amy, (4).
Emporia.

Barlow, Marion, (N-3).
Belvidere.

Barnes, Cyrus C., (N-3).
Emporia.

Barnes, Elias Bowen, (C-2).
Emporia.

Barnes, Jesse, (N-2).
Circleville.

Barnhart, Martha M., (N-1).
Baldwin.

Barr, Erma, (C-1).
Diamond Springs.

Barr, John C., (2).
Emporia.

Barrington, Lester, (1).
Emporia.

Barrington, Percy, (1).
Emporia.

Barrow, R. G., (N-3).
Muskogee, *Okla.*

Barrows, Alice Maude, (N-3, 4).
Burrton.

Barry, Harry W., (C-1).
Meriden.

Barthel, Ursula, (C-1, 4).
Emporia.

Batchelor, Nelle, (C-1).
Salina.

Baugh, Clarence M., (C-1).
Emporia.

Baugh, Ethel Adelaide, (N-3).
Emporia.

Baustian, Henry F., (N-4).
Lucas.

Bayless, Ivy J., (C-1).
Iola.

UNDERGRADUATES.

Bealmear, Sadie Ellenor, (N-3, 4).
Dodge City.

Beazley Margaret, (C-1).
Chanute.

Bechtold, Margaret A., (N-3).
Atchison.

Bechtoldt, Murelle, (C-1).
Oberlin.

Bechtoldt Orville E., (C-1).
Oberlin.

Beck, Verna, (1).
Emporia.

Becker, Abbie, (N-1).
Fairview.

Beecher, Mary, (N-4).
Americus.

Beecher, Tommy, (N-3).
Americus.

Beeching, Mabel, (C-3).
Otis.

Beisel, Mary, (N-3).
Tampa.

Belfield, Marie, (1).
Emporia.

Belfield, Virgil, (1).
Emporia.

Bell, Charles, (N-4, 4).
Kinsley.

Bell, Everett, (1).
Emporia.

Bell, Hazel, (1-4).
Council Grove.

Bell, Mrs. Mabel, (N-3).
Hazelton.

Bell, Ruth, (2).
Emporia.

Beltz, Edwin, (N-1).
Dexter.

Bement, Emma, (N-3).
Winfield.

Bement, Mary E., (N-3).
Winfield.

Benear, Gladys, (N-3).
Bartlesville, *Okla.*

Benedix, Mabel, (C-1).
Valley Falls.

Benedix, Margaret L., (C-1).
Valley Falls.

Benfer, Mabel C., (C-1).
Raton, *N. M.*

Bennett, Lydia, (N-2).
Gypsum City.

Benson, Iva, (1).
Emporia.

Berger, Blanche, (C-1).
Sylvan Grove.

Berglund, Julia, (C-1).
Salina.

Berrier, Mildred, (C-3).
Emporia.

Berry, James, (N-2).
Gognac.

Berry, Will, (N-1).
Spearville.

Bersuch, Belle, (N-3).
Wilsey.

Best, Ethel, (N-1).
Admire.

Betz, Belle, (N-3, 4).
Abilene.

Betz, Inza, (N-4).
Asherville.

Bibler, Elsie, (C-1).
Florence.

Bibler, Ethel, (C-1).
Florence.

Bice, C. F., (C-3).
Hays.

Bickley, Effie, (1).
Emporia.

Bieber, Alice, (8).
Colby.

Bigger, Lew, (C-1).
Emporia.

Biggs, Eula E., (N-4, 4).
Potwin.

Biggs, Geo. D., (C-1).
Concordia.

Billings, La Verna, (N-4).
Florence.

Bingham, Mary J., (C-1).
Sabetha.

Binyon, Christopher W., (C-2).
Emporia.

Birckett, Mildred, (1).
Emporia.

Bishop, Marion E., (N-3).
Emporia.

Bishop, Vera, (1).
Emporia.

Bitler, Roy, (N-1).
Emporia.

Bixby, Bessie J., (C-1).
Osawatomie.

Bixler, Grace, (C-2).
Iola.

Black, Georgia, (N-4).
El Dorado.

Black, Gertrude, (N-1).
Baldwin.

Blackwood, Lena, (N-4).
Idana.

Blair, Louise F., (C-3).
Emporia.

Blair, Marguerite, (C-1).
Wamego.

Blaisdell, Edith, (C-1).
Paola.

Blake, Chas. G. C., (N-3).
Emporia.

UNDERGRADUATES.

Blakely, Georgiana, (C-1).
Emporia.

Blakely, Myrtle, (C-1).
Emporia.

Blank, Pauline, (1).
Emporia.

Blankenbeker, Grace, (N-3).
Ottawa.

Blankenship, Tony, (N-1).
Howard.

Bleam, Louise E., (N-3, 4).
Osborne.

Blue, Sallie Inskeep, (C-1).
Valley Falls.

Board, Lucy C., (N-3).
Appleton City, *Mo.*

Boggs, Goldie, (N-1).
Douglass.

Bogue, Clara, (N-4).
Glasco.

Boisson, Louise, (N-1).
Reading.

Bolan, Josephine I., (N-3).
Olivet.

Bolan, Linda, (N-1).
Olivet.

Boller, Adeline, (N-3).
Newton.

Bollin, John J., (N-2).
Leavenworth.

Boone, Mary M., (C-1).
Topeka.

Boothe, Mayme, (N-3).
Waverly.

Boothe, Nina, (N-1).
Waverly.

Boots, M. Grace, (N-3).
Farlinville.

Borror, John H., (N-3, 4).
Westphalia.

Borror, Nora, (N-1).
Westphalia.

Bottomly, Eugene, (N-3).
Cedar.

Bottomly, Victor, (5).
Cedar.

Bottorf, Frank, (C-1).
Jewell City.

Bouse, T. L., (C-4).
Holton.

Bower, Bertha, (N-1).
Perry.

Bower, Helen, (4).
Lincoln.

Bower, Leona C., (N-3).
Reading.

Bower, Mabel Beatrice, (N-3).
Reading.

Bowers, D. W., (C-1).
Centropolis.

Bowers, Fred, (N-2).
Emporia.

Bowersock, Anna, (4).
Emporia.

Bowman, Alfred M., (C-3).
Topeka.

Boyce, Myrtle, (C-1).
Sterling.

Boyd, Ada, (4).
Emporia.

Bracken, Zelda, (N-3).
Independence.

Bradford, Ella, (N-4).
Rose.

Bradley, Carrie F., (5).
Emporia.

Bradley, Grace, (C-1).
Norcatur.

Bradley, Maude, (N-4).
Muscotah.

Bradley, W. Roy, (C-1).
Neosho Falls.

Bradshaw, Clara B., (N-3).
Altoona.

Bradshaw, Harriet, (C-1).
Washington.

Bradshaw, Mattie, (N-1).
Topeka.

Brammell, Guy, (N-1).
Ozawkie.

Brandenburg, Georgia, (N-3).
Bushong.

Brandenburg, Sarah, (4).
Bushong.

Brandt, Myrtle, (N-3).
Morland.

Branscom, Guy L., (N-1).
Emporia.

Branscom, Mae, (N-1).
Emporia.

Brashear, Josephine, (N-3).
Hamilton.

Braucher, Margaret, (1).
Emporia.

Breed, Ernest, (1).
Emporia.

Breed, Frank, (1).
Emporia.

Breed, Lucy A., (C-1).
Emporia.

Breed, Theodor, (2).
Emporia.

Breiner, Ethel, (C-1).
Paola.

Breiner, Lucile M., (C-1).
Paola.

Breneman, Howard, (N-3).
Hoyt.

Breneman, John, (N-3).
Hoyt.

UNDERGRADUATES.

Breneman, Sadie, (1).
Emporia.

Breneman, Sarah (1, 4).
Emporia.

Breneman, Theda, (4).
Emporia.

Brewer, Josephine L., (N-2).
Riley.

Briggs, Ethel, (N-1).
Admire.

Briley, Carl, (N-1).
Chanute.

Briley, Harry, (N-1).
Chanute.

Brillhardt, Arla, (N-1).
Mapleton.

Brim, Grayce, (N-1).
Emporia.

Brinkman, Mary, (N-3).
Americus.

Brittain, Effie, (C-1).
White City.

Brittain, Emma, (C-1, 4).
White City.

Brittain, Minna C., (N-1).
Perry.

Brooks, Hamilton Edward, (N-2).
Emporia.

Broughton, Herbert L., (C-1).
Conway.

Brown, A. M., (N-3).
Dighton.

Brown, Allen, (1).
Emporia.

Brown, Edna, (N-3).
Mackay, *Idaho.*

Brown, Emerald, (N-3).
Hamilton.

Brown, Frances, (4).
Dighton.

Brown, G. E., (8).
Garden City.

Brown, Harry H., (N-3).
Piqua.

Brown, Lelia A., (C-1).
Emporia.

Brown, Lula, (N-1).
Parkerville.

Brown, Ora, (N-1).
Burlingame.

Brown, Rice E., (C-3).
Emporia.

Brown, Roxana, (N-1).
Madison.

Brown, Sibyl, (1, 4).
Emporia.

Brownrigg, Belle, (N-3, 4).
Mont Ida.

Brubeck, Mrs. Jean Keifer, (C-1).
Humboldt.

Bryan, Bessie, (N-1).
Burlingame.

Bryant, Dora, (C-1).
Eureka.

Bryant, Francis, (1).
Emporia.

Bryant, Mattie, (C-1).
Perry.

Buchman, Anna, (N-1).
Council Grove.

Buchanan, Hattie, (N-1).
Langley.

Buck, Andrew, (N-3).
Shaw.

Buck, Elsie, (1).
Emporia.

Buck, Myrtle, (N-3).
Longton.

Buckles, C. O., (5).
Peru.

Buckman, Joseph, (N-1).
Council Grove.

Bullock, Blanche, (N-3).
Neosho Rapids.

Bullock, Lulu, (C-1).
Glasco.

Burch, Elanora, (N-4).
Mulvane.

Burgess, Florence, (C-1).
Mulvane.

Burkett, Harold, (N-3).
Erie.

Burkhead, Carl, (N-3).
Centerville.

Burnap, Harry, (2).
Emporia.

Burnett, Sue, (N-3).
Anthony.

Burnham, Mildred, (5).
Mankato.

Burns, Katie M., (N-3).
Alta Vista.

Burr, Myrtle, (N-3).
Axtell.

Burris, Mabel, (N-3).
Hutchinson.

Burton, Mrs. J. S., (C-1, 4).
Emporia.

Buschow, Dorothy J., (C-1).
Colby.

Butcher, Jennie, (C-1).
Cimarron.

Butler, Wm. W., (C-2).
Everest.

Butts, Etta, (C-2).
Fredonia.

Byrnes, Louise, (2).
Emporia.

Byrnes, Mary Katherine, (2).
Emporia.

UNDERGRADUATES.

Cæsar, Nicola J., (N-3).
Shawnee, *Okla.*

Cahill, Thomas, (N-1).
Leavenworth.

Calkins, Leona, (N-2).
Olivet.

Calvert, Maude, (N-1).
Lebo.

Campbell, Geo. C., (N-4).
Bronson.

Campbell, W. Roy, (C-2, 4).
Bronson.

Canby, Bertram Preston, (2).
Emporia.

Cannady, Ada, (C-1).
Emporia.

Cannady, Jennie, (C-1).
Emporia.

Cannady, Mabel, (1).
Emporia.

Cannon, Ralph, (N-1).
Hamilton.

Carder, Mina, (C-1).
Lyndon.

Carey, Lloyd, (N-2).
Eagle, *Colo.*

Carl, Cecil Gray, (N-4).
Imperial.

Carl, Ethel, (N-4).
Imperial.

Carl, Plumb, (N-4).
Imperial.

Carmain, Valda, (N-1).
Waverly.

Carpenter, Clifford, (N-3).
Paola.

Carpenter, Ina, (4).
Council Grove.

Carpenter, James M., (N-4).
Garnett.

Carpenter, Nettie, (C-1).
Paola.

Carr, Edith, (N-3).
Everest.

Carr, Emily, (N-1, 4).
Emporia.

Carroll, Anna, (1).
Emporia.

Carroll, Jessamine, (1).
Emporia.

Carroll, Mary Helen, (C-1).
Emporia.

Carson, Margaret, (C-1).
Ashton.

Carson, Roy M., (N-1).
Ashton.

Carson, Terrence, (C-1).
Ashton.

Carter, Beula, (4).
Emporia.

Carter, Curtis, (1).
Emporia.

Carter, Eva, (N-1).
Eskridge.

Carter, Herman, (1).
Emporia.

Carter, James, (1).
Emporia.

Carter, Zula, (1, 4).
Emporia.

Cartmel, Mrs. Nettie B., (N-3).
Walnut.

Cary, Walter H., (C-2).
Gaylord.

Cash, Annie M., (C-3).
Emporia.

Caskey, Nellie E., (C-1).
Hutchinson.

Casler, Beula, (4).
Emporia.

Chaddock, Ethel, (N-3).
Rush Center.

Chandler, Florence, (N-1).
Emporia.

Chandler, Mary E., (N-3).
Colony.

Chandler, Rosa, (N-3).
Colony.

Chamberlin, Florence G., (N-3).
Gridley.

Chamberlin, Rae, (N-1).
Everest.

Charlesworth, Mae, (N-4).
Americus.

Chase, Eugene P., (N-1).
Dunlap.

Chase, Jessie, (C-1).
Fowler.

Chase, Mary, (4).
Emporia.

Chase, Roy L., (N-1).
Fowler.

Chesney, Hetty, (N-3).
Lecompton.

Childers, Edna, (3).
Wamego.

Chillson, Etta, (N-3).
Alma.

Chilson, Mary, (C-1, 4).
Marion.

Christensen, Alice, (N-3).
Jamestown.

Christensen, Elnora, (N-1).
Emporia.

Christensen, Ethel, (N-1).
Emporia.

Christensen, Goldie, (1).
Emporia.

Claiborne, Pearl, (N-1).
Piper.

UNDERGRADUATES.

Clanton, Fairie, (N-3).
Farlinville.
Clark, Ada, (C-1).
Emporia.
Clark, Agnes Jane, (C-3).
Alta Vista.
Clark, Edna, (1).
Emporia.
Clark, Elton, (N-1).
Osage City.
Clark, Faye, (N-4).
Topeka.
Clark, Florence Isabel, (N-4).
Alta Vista.
Clark, Lois, (N-1, 4).
Sawyer.
Clark, Lucile, (N-1).
Wichita.
Clark, Millicent, (N-4).
Riley.
Clark, Perle, (N-3).
Linn.
Clark, Ray M., (N-3).
Pomona.
Clarke, Lola B., (N-4).
Emporia.
Clay, Altha, (C-1).
Oskaloosa.
Clay, Elsie G., (C-1).
Oskaloosa.
Clay, Fleming, (1).
Emporia.
Cleavinger, Roy, (C-2).
Lowemont.
Clegg, Lena, (C-1).
Neodesha.
Cleland, Alice, (N-3).
Emporia.
Cleland, Anna, (1).
Emporia.
Cleland, Esther, (N-1).
Emporia.
Clements, Cecile, (1).
Emporia.
Clements, Edna May, (1).
Emporia.
Clements, Floyd, (N-3).
Chanute.
Clements, James Lewis, (1).
Emporia.
Clifford, George, (N-3).
Douglass.
Cloud, Clyde C., (C-1).
Admire.
Cloud, Edna, (N-4).
Quenemo.
Clow, John E., (N-1).
Emporia
Clow, Ray, (N-1).
Emporia.
Cole, Richard, (N-4).
Emporia.
Clymer, Edna, (C-1).
Pratt.
Clymer, Pearl, (C-2).
Pratt.
Clymer, Ruby, (N-4).
Emporia.
Coe, Laura, (2).
Hutchinson.
Cogswell, Grace, (N-3).
Hutchinson.
Cole, Harry, (N-1).
Emporia.
Cole, Mabel A., (N-3, 4).
Emporia.
Colegrove, Ralph, (N-4).
Girard.
Coleman, Aaron, (N-4).
Castleton.
Coleman, Chas. Edward, (1).
Emporia.
Coleman, Edna, (N-1).
Emporia.
Coleman, Eunice E., (C-1).
Emporia.
Coleman, J. Sidney, (N-4).
Emporia.
Coleman, Mabel, (N-1).
Admire.
Coleman, Mrs. Roy, (C-3).
Emporia.
Collins, Bernice E., (C-2).
Fredonia.
Collinsworth, Grover C., (N-4).
Potwin.
Colwell, Myrtle, (N-3).
Emporia.
Colwell, Willard, (N-1).
Emporia.
Combs, Paul H., (C-1).
Cherryvale.
Commons, Harry L., (2).
Emporia.
Conaway, Pearl, (N-3).
Dodge City.
Concannon, Anna, (N-1).
Emporia.
Concannon, Mabel, (1).
Emporia.
Concannon, Thomas, (1).
Emporia.
Connor, Hannah, (N-1).
Blaine.
Cook, Cleo, (N-3, 4).
Fredonia.
Cook, Edgar Miller, (1).
Haviland.
Cook, Frances, (2).
Emporia.

UNDERGRADUATES.

Cook, Harriet B., (C-1, 4).
Emporia.

Cook, Hattie, (N-1).
Fredonia.

Cook, John Paris, (1).
Croft.

Cooney, Georgiana, (N-4).
Hoisington.

Corbin, Maude, (N-3).
Latham.

Corhn, Amanda B., (C-1).
Ardmore, *Okla.*

Corn, Laura E., (C-1).
Humboldt.

Corney, Metta Carrie, (C-1, 4).
Westphalia.

Corns, Rosa, (C-1).
Gas.

Course, Ellwood, (C-2).
Spring Hill.

Courtright, F. Marie, (3).
Emporia.

Cowan, Charlie, (2).
Emporia.

Cowan, Neil, (2).
Emporia.

Cowell, Carolyn J., (C-3).
Clay Center.

Cowell, Pearl, (C-1).
Clay Center.

Cox, Charlotte, (N-1).
Emporia.

Cox, Eugene, (2).
Emporia.

Cox, Kenneth K., (N-4).
Rose.

Coyner, Lula I., (N-3).
Burr Oak.

Crabb, Harvey A., (N-1).
Dover.

Craig, Grace, (N-1).
Melvern.

Craig, Hugh, (N-1).
Emporia.

Craig, Loraine, (1).
Emporia.

Crandall, Evelyn, (N-3).
Newton.

Crane, Florence A., (N-1).
Rosalia.

Craven, Viola, (N-3).
Caldwell.

Crawford, Benj., (N-1).
Emporia.

Crawford, C. C., (N-3).
Bunkerhill.

Crawford, Madge, (N-1, 4).
Paola.

Crawford, Nellie, (C-1).
Lincoln.

Crawford, Roy, (N-1).
Emporia.

Creighton, Nora D., (C-1).
Belleville.

Crippen, Vera, (C-2).
Parsons.

Cross, Agnes, (N-1).
Nashville.

Cross, Clarence L., (N-3).
Emporia.

Cross, Claude B., (N-3).
Emporia.

Cross, Ethel, (N-2).
Emporia.

Cross, Mary L., (N-3, 4).
Ragan, *Neb.*

Cross, Maude L., (C-2).
Emporia.

Cross, Mayme, (N-1).
Cassoday.

Crouch, Hazel, (N-1).
Garnett.

Culbertson, Jas. H., (C-1).
Hepler.

Culbertson, Keith, (N-1).
Hepler.

Culley, Elmer E., (C-1).
Emporia.

Cullison, Lenore, (N-4, 4).
Moline.

Culter, Clyde, (N-3).
Emporia.

Culter, Harold, (N-1).
Emporia.

Culver, Olive, (N-3).
Rose.

Cummins, Arthur, (N-3).
Strawn.

Cunningham, Harry, (N-3).
Mont Ida.

Cunningham, Irma, (N-1).
Glasco.

Cunningham, Jessie, (N-3).
Glasco.

Cunningham, Leda, (N-3, 4).
Emporia.

Curry, Bessie, (C-2).
Strawn.

Curry, Mabel, (N-3).
Strawn.

Czapanskiy, Lucy A., (N-3, 4).
Aurora.

Dahlgren, Mabel, (N-4).
Kansas City.

Dahm, Florence, (C-2).
Great Bend.

Dailey, Inez A., (N-1).
Lovelock, *Nev.*

Daniel, Nora, (C-2).
Emporia.

UNDERGRADUATES.

Danskin, Anna Grace, (4).
Aulne.
Darkes, Ida M., (N-3).
McCracken.
Darrough, Abbie, (C-2).
Emporia.
Daugherty, Lillie O., (N-3).
Newton.
Davenport, Lola, (N-1).
Wellington.
Davidson, Aubrey E., (C-3).
Hope.
Davidson, Helen, (N-3).
Wichita.
Davidson, Howard, (N-3, 4).
Williamsburg.
Davidson, Lois, (4).
Emporia.
Davidson, Norris, (4).
Emporia.
Davidson, Pearl, (C-1).
Hope.
Davies, Priscilla, (N-2, 4).
Reading.
Davis, Chester, (1).
Emporia.
Davis, Cora, (N-1).
Emporia.
Davis, David Richard, (1).
Emporia.
Davis, Della, (N-1).
Emporia.
Davis, Florence, (N-3).
Clearwater.
Davis, Gladys, (1).
Emporia.
Davis, H. Dale, (C-2).
Clearwater.
Davis, H. Pier, (2).
Emporia.
Davis, Leona C., (4).
Louisville, *Ky.*
Davis, Lillian, (1).
Emporia.
Davis, Lydia, (1).
Emporia.
Davis, Roy, (N-1).
Dunlap.
Day, Adele, (N-3).
San Antonio, *Tex.*
Day, Clara, (N-1).
Coffeyville.
Day, Ethel, (1).
Emporia.
Day, Flora Frances, (N-4).
Colony.
Day, Frank, (4).
Emporia.
Day, Ida M., (C-1).
Colony.
Decker, Homer, (N-3).
Lafontaine.
DeLay, C. W., (N-4).
Emporia.
DeLay, Glenn A., (C-3).
Emporia.
Denny, Etta A., (N-3).
Burlingame.
Dent, Carl, (N-3).
Council Grove.
Dent, Florence, (N-3, 4).
Council Grove.
Detrick, Frankie, (C-1, 4).
Erie.
DeVore, Sarah, (C-2).
Winfield.
Dew, Lulu Leona, (N-3).
Stockton.
Dewey, Chas. H., (N-4).
Elk City.
De Young, Adrian, (N-4).
Emporia.
Dickason, Essie M., (C-1).
Emporia.
Diggs, Eva, (1).
Emporia.
Dillman, Bill Newman, (2).
Emporia.
Dillman, Enid Ione, (1).
Emporia.
Dillman, Ernest L., (C-3).
Emporia.
Dillon, Franklin, (1).
Emporia.
Dimmick, Eva, (4).
Emporia.
Dinius, Leta, (N-1, 4).
Emporia.
Ditmars, Thomas, (C-1).
Grenola.
Dixon, Alice M., (C-1).
Leon.
Dixon, Ella, (C-1).
Leon.
Dixon, John A., (N-3, 4).
Leon.
Dixon, Judith, (N-3).
Leon.
Dodds, Virginia, (N-4).
Gas.
Dodge, Alice, (C-1).
Emporia.
Doggett, Walter M., (N-4, 4).
Leoti.
Dohner, Grace Caroline, (N-3).
Peabody.
Donica, D. Sophia, (C-4, 4).
Bayard.
Donica, Lovonia Myrtle, (C-4).
Bayard.

UNDERGRADUATES.

Doran, May, (N-1).
Council Grove.

Dore, Lucille, (C-1).
Waverly.

Dorman, Annie L., (C-2).
Centralia.

Dorman, Blanche C., (N-4, 4).
Centralia.

Dotson, Edna, (N-3).
Emporia.

Doty, Mabel, (N-3, 4).
Rosalia.

Douglass, Robert, (1).
Emporia.

Douglass, Flaura, (N-3).
Oberlin.

Doverspike, Mary, (N-1).
Alta Vista.

Dow, Edith W., (C-1).
Salina.

Dow, Kate S., (C-2).
Emporia.

Downie, H. M., (C-2).
Denison.

Doyle, Angela, (N-4).
Emporia.

Doyle, Elizabeth, (N-3).
Skiddy.

Drake, Michael, (1).
Emporia.

Drollinger, Nellie P., (N-4).
Humboldt.

Duer, Myrtle, (N-1).
Langdon.

Duffy, Alda W., (C-1).
Vermilion.

Duffy, Cyrus G., (C-1).
Vermilion.

Duggan, Mary, (N-3).
Reading.

Duggan, Nellie, (N-1).
Reading.

Duncan, Bessa A., (N-4).
Kirwin.

Dunn, Doris, (1, 4).
Emporia.

Dunn, Mary, (1).
Emporia.

Dunn, Perry K., (C-1).
Laurel.

Durham, Zoe Olive, (N-1).
St. John.

Dutton, Muriel, (1).
Dunlap.

Dutton, Thelma, (1).
Emporia.

Dwelle, Alice Louise, (C-1, 4).
Cedar Point.

Dwelle, Ruth Williams, (N-3).
Cedar Point.

Dye, Sydney, (N-1).
Wellsford.

Eakes, Alice, (N-3).
Caney.

Eales, Nora, (N-3).
Hutchinson.

Earl, Etha, (N-3, 4).
Eskridge.

Earnshaw, Onno, (N-1).
Lebo.

Earnshaw, Opal, (N-1).
Lebo.

Eastburn, Leon, (N-3).
Plains.

Eaton, Isa Golda, (N-1).
Emporia.

Eberth, Frances, (N-3, 4).
Wallula.

Ebertson, Letha, (4).
Emporia.

Eckdall, Lida, (2).
Emporia.

Edgington, Elizabeth Rose, (N-3).
Burlingame.

Edgington, Louise, (N-4).
Burlingame.

Edie, Amber, (N-1).
Linn.

Edie, Myrta, (N-1, 4).
Linn.

Edie, Pearl R., (C-1).
Plymouth.

Edmiston, Roy, (N-4).
Americus.

Edmonds, L. E., (C-1).
Emporia.

Edwards, Bessie, (C-1).
Lebo.

Edwards, Elizabeth, (1).
Emporia.

Edwards, Laura, (C-1).
Guthrie, *Okla.*

Egbert, E. May, (N-1).
Cimarron.

Eichenberger, Ernestine, (N-1).
Pomona.

Eichenberger, Ruth, (N-3).
Pomona.

Eisenbeis, Maggie, (N-3).
Blaine.

Eitson, Honor, (N-3).
Council Grove.

Elder, Helen G., (C-1).
Lyndon.

Elder, Mae Lelia, (N-2).
Lyndon.

Elder, Maud A. D., (C-1).
Osawatomie.

Elledge, Nellie, (N-1, 4).
Haviland.

UNDERGRADUATES.

Eiler, Zella, (N-1).
Dunlap.
Elliott, Bertha, (N-1).
Oskaloosa.
Elliott, Ella, (N-3).
Leon.
Elliott, Mary M., (N-3).
Emporia.
Elliott, Mayme, (4).
Emporia.
Ellis, Evelyn, (4).
Emporia.
Ellis, Olive Irene, (1, 4).
Emporia.
Ellis, Rachel, (C-1).
Emporia.
Ellis, Sibyl, (4).
Emporia.
Ellsworth, Bertha, (C-1).
Lecompton.
Elmore, Elsie, (N-1).
Elk City.
Elmore, Lizzie, (N-3, 4).
Elk City.
Ely, Mrs. Nellie, (N-3, 4).
Coldwater.
Emerson, Sue, (C-1).
Topeka.
Engelhart, Rose, (4).
Oswego.
Engle, Harold, (N-1).
Emporia.
Englund, Edith, (N-1).
Falun.
Evans, Mildred, (2)
Emporia.
Epley, Edna, (N-1).
Lawrence.
Epperson, Ellen Caroline, (C-1).
Scott City.
Erikson, Anna R., (N-1).
Junction City.
Ernest, Nina, (C-3).
Burlingame.
Ervin, Mrs. Estella, (4).
Emporia.
Estes, Grace, (C-1, 4).
Junction City.
Evans, Florence, (4).
Emporia.
Evans, Iva, (N-3).
Great Bend.
Evans, Lillie, (C-1).
Kansas City.
Evans, Mary, (C-1).
Goodland.
Everett, Harry W., (N-4).
Emporia.
Everett, Pearl, (N-3).
Winchester.
Everly, Mary, (N-1).
Emporia.
Evertson, Letha, (N-2, 4).
Melvern.
Eyestone, Goldie, (1).
Emporia.
Facklam, Amanda, (C-1).
Enterprise.
Fagan, Elizabeth, (N-4).
Reading.
Fagan, Maggie, (C-1).
Reading.
Fagan, Nellie, (C-1).
Reading.
Fagan, Theresa, (C-1).
Reading.
Fairbrother, Lewis, (N-3).
Toronto.
Farmer, Allen, (N-3).
Lincoln.
Farmer, Hattie, (N-4).
Stark.
Farmer, Merle, (1).
Emporia.
Farney, Victor, (1).
Santa Fe, *N. M.*
Farnsworth, Nellie, (C-1).
Portis.
Farquharson, Adela I., (C-3, 4).
Lincoln.
Farquharson, Lulu, (3, 4).
Lincoln.
Fawcett, Hazel, (N-4).
Emporia.
Fay, Agnes, (C-1, 4).
Atchison.
Fay, Axline, (C-3).
Pratt.
Fechner, Martha, (4).
Alta Vista.
Felker, Preston R., (C-1).
Hoyt.
Fellows, Homer, (1).
Emporia.
Fent, Grace, (C-1, 4).
Matfield Green.
Fent, Jessie, (N-3).
Matfield Green.
Fent, Libbie, (C-1).
Eureka.
Fent, Metta, (C-1, 4).
Matfield Green.
Fenton, Halcie, (N-1).
Sylvia.
Fenton, Hazel, (C-1).
Garnett.
Ferguson, Anna J., (C-2).
Mankato.
Ferguson, Lulu, (C-4).
Sterling.

UNDERGRADUATES.

Ferrell, Hellen, (C-1, 4).
Independence.

Ferrell, Jennie, (C-1, 4).
Independence.

Ferrell, Lula, (N-3, 4).
Peru.

Fessenden, Ersel Miles, (C-3).
Emporia.

Fetrow, Ruth, (N-4).
Attica.

Field, Hollie, (N-4).
Yates Center.

Finley, Adin, (N-1, 4).
Emporia.

Finley, Nann Rozelda, (C-2).
Cherryvale.

Finn, John M., (C-2).
Paola.

Finnerty, Anna, (N-3).
Hartford.

Fish, Leward, (2).
Emporia.

Fischer, Karl, (5).
Emporia.

Fisher, Helen, (N-1).
Emporia.

Fisher, Josephine, (4).
Emporia.

Fitch, Donald B., (1).
Emporia.

Fitch, Kenneth C., (1).
Emporia.

Fithian, Harry Ross, (2).
Emporia.

Fitzpatrick, Maud, (C-1).
Hutchinson.

Flear, Thomas H., (C-1).
Greenleaf.

Fleming, Bess, (4).
Emporia.

Fleming, Irene, (4).
Emporia.

Fleming, John, (N-3).
Longton.

Fleming, Lorna, (1, 4).
Emporia.

Fleming, Thomas, (1).
Emporia.

Fletcher, Aura, (N-3).
Pleasanton.

Fletcher, Lizzie, (N-1).
Bucklin.

Floyd, Elsie May, (4).
Americus.

Fluker, Florence, (C-1).
Emporia.

Fluker, Grace W., (C-2).
Emporia.

Foland, Mabelle, (C-1).
Almena.

Folsom, Pansie, (N-1, 4).
Coyville.

Foncannon, Adrian, (C-1).
Emporia.

Forbes, Eunice, (1).
Emporia.

Forde, Jessie Louise, (C-4).
Emporia.

Forde, Margaret, (5).
Emporia.

Forde, W. Ingram, (5).
Emporia.

Forest, Alma Lucile, (2).
Emporia.

Forsyth, Nellie, (N-1).
Howard.

Foshay, Nellie M., (C-1).
Carbondale.

Foster, Cornelius, (N-4, 4).
Kincaid.

Fought, Zella, (N-1).
Galesburg.

Fowler, Cora M., (N-3, 4).
Dodge City.

Fowler, Edna, (C-1).
Topeka.

Fowler, Emma E., (N-2, 4).
Dodge City.

Fowler, Una Maud, (N-4).
Topeka.

Fox, Eva, (N-1).
Emporia.

Francis, Leroy, (N-3, 4).
Natoma.

Franklin, Jessie, (N-1).
Erie.

Franz, Ida M., (N-4).
Rozel.

Franzen, Mrs. Katie, (5).
Goessel.

Fraser, J. E., (C-2).
Scandia.

Frazier, Alta, (N-3).
Independence.

Frederickson, Otto, (N-4).
Allen.

Freeman, Julia, (N-1).
Simpson.

Freeman, Laura L., (C-1).
Simpson.

Freese, Mrs. Mira S., (N-3).
Thayer.

Freese, Theron, (N-4).
Thayer.

Friend, Burton, (5).
Campus.

Friend, Frances, (1, 4).
Emporia.

Friend, Mary, (N-3).
Emporia.

UNDERGRADUATES.

Friend, Mildred, (N-3).
Emporia.
Friend, Sarah, (N-3).
Emporia.
Friend, Sudie, (N-4).
Emporia.
Fritz, Emily, (N-4).
Beattie.
Fronk, Mary R., (C-3, 4).
Meriden.
Frossard, Clara G., (C-2).
Russell.
Frossard, Myrtle, (C-2).
Russell.
Frost, Albert Lee, (1).
Emporia.
Frost, Alma, (N-4).
Millport, *Colo.*
Frost, June, (N-3).
Athol.
Fry, Bertha, (N-1).
Latham.
Frye, Edna, (N-3).
Burlington.
Fuger, Ada Adeline, (N-2).
Hamlin.
Fulk, Fred, (N-1).
Longton.
Fulk, Mabel, (C-1).
Lebo.
Fuller, Avis L., (N-3).
Salina.
Fuller, Pearle, (N-3).
Kingman.
Fulton, Bernice, (C-1).
Winchester.
Fultz, Atley, (1).
Emporia.
Fultz, Ira, (1).
Emporia.
Funchess, Zoula, (C-1).
Topeka.
Funk, Austin, (N-1).
Gridley.
Funk, John Calvin, (4).
Hillsboro.
Funk, Mary H., (N-1).
Hillsboro.
Funk, Sarah A., (N-1).
Hillsboro.
Fyler, Eleanor R., (C-1).
La Crosse.
Gaines, Blanche M., (N-3).
Richland.
Gaines, Mabel D., (N-1).
Richland.
Gallagher, Edith, (C-1).
Sparks.
Gallagher, Lola, (C-1).
Hoxie.
Gallagher, Winifred, (C-2).
Sparks.
Gamber, Edith, (C-1).
Corning.
Gambill, M. Gusta, (C-1).
McCune.
Gammell, Edna, (N-1).
Emporia.
Gardner, Eunice, (N-1).
Grainfield.
Gardner, Fred, (C-1).
Grainfield.
Garner, Worthey, (1).
Emporia.
Garr, Alta, (N-1).
Independence.
Garrett, Katherine, (C-1).
Neodesha.
Garrett, Phronia, (C-1).
Clay Center.
Garrison, Alta, (N-3).
Summerfield.
Garrison, Wm. Everett, (2).
Emporia.
Gates, Nellie, (C-1).
Anthony.
Gay, John L., (N-1).
Eminence.
Gay, Katie B., (N-3).
Winslow, *Ark.*
Gebhardt, Floy May, (C-3).
Alden.
Gebhardt, Verna Blenn, (C-3).
Alden.
Geelan, Carrie, (N-3).
Lecompton.
Geelan, Norah, (N-3).
Lecompton.
Geelan, Salome Locust, (N-1).
Lecompton.
Geigus, Grace, (N-1).
Burlingame.
Geiman, V. Etta, (N-3).
McPherson.
George, Ethel, (C-2, 4).
Erie.
George, Martha, (C-2).
Emporia.
Gfeller, Alice, (N-3, 4).
Burns.
Gfeller, Ralph, (C-1, 4).
Emporia.
Gibbons, Adaline Vera, (C-1).
Anthony.
Gibbons, Harry, (N-1).
Hartford.
Gibbons, Vera A., (C-1).
Anthony.
Gibson, C. D., (N-3).
Morehead.

UNDERGRADUATES.

Gibson, Ethel, (1).
Emporia.
Gibson, Lucile, (1).
Emporia.
Gibson, Maude, (N-3).
Baldwin.
Gier, Wilbur J., (N-4).
Hepler.
Gildersleeve, Evelyn, (C-2).
Yates Center.
Giles, Margaret, (2).
Emporia.
Giles, Marion, (2).
Emporia.
Gilman, Gordon, (1).
Emporia.
Gilman, Pearl, (N-2).
Emporia.
Givin, George, (4).
Emporia.
Givin, Grace E., (C-1).
Emporia.
Glaze, Dewey, (1).
Chicago, *Ill.*
Goble, Jesse, (N-1).
Piper.
Goddard, DeLeo, (C-1).
Holliday.
Godsey, Alice, (1).
Emporia.
Godsey, Earl, (N-1).
Emporia.
Godsey, Grace, (1).
Emporia.
Goeken, Bert, (N-3).
Linn.
Goff, Anna F., (C-1).
Lincoln.
Goosen, Anna, (N-3).
Hillsboro.
Gordon, Jennie, (N-2, 4).
Emporia.
Gouche, James, (2).
Emporia.
Gough, Wm., (N-4).
Chanute.
Grady, Lourena, (N-1).
Elk City.
Graham, Bessie, (C-1).
Neodesha.
Grant, Gertie, (N-4).
Rosalia.
Grattan, Irene, (C-1).
Wichita.
Gravatt, Abbie, (C-1).
Beloit.
Graves, Ina, (C-1).
Emporia.
Graves, Johnie Mae, (C-1).
Elk City, *Mont.*
Grayum, Wm. H., (C-1).
Jones, *Okla.*
Green, Roy, (N-1).
Vernon.
Greenawalt, Mary F., (C-2).
Princeton.
Greenlee, Frankie, (1).
Emporia.
Greenlee, Gladys, (1).
Emporia.
Greenlee, Merrill, (1).
Emporia.
Greenlee, Myrtle, (N-1).
Emporia.
Greenlee, Vernon, (1).
Emporia.
Greenwood, Ella, (6).
Durant, *Okla.*
Greever, Helen, (C-3).
Emporia.
Gregory, Emory, (C-1).
Emporia.
Gregory, Florence, (N-3).
Independence.
Gregory, Lora M., (N-3, 4).
Independence.
Gregory, Norma, (4).
Atchison.
Greub, Maud R., (N-3).
Kirwin.
Griffith, Leah, (C-1, 4).
Iuka.
Grigsby, Lila, (4).
Emporia.
Grigsby, Leone, (1).
Emporia.
Grimes, Anna, (N-1).
Louisburg.
Grinter, Josephine, (N-1, 4).
Muncie.
Groh, Harry, (1).
Emporia.
Groom, Adell P., (N-1, 4).
Oklahoma City, *Okla.*
Gross, Vesta, (1, 4).
Emporia.
Grove, Fern B., (C-1).
Parker.
Grove, Mabel, (4).
Emporia.
Grover, Lucile, (2).
Emporia.
Groves, Lou, (N-3, 4).
Stafford.
Grubb, Eva, (N-4).
Phillipsburg.
Grubb, John D., (N-3).
Phillipsburg.
Grubb, Laura S., (N-3).
Phillipsburg.

UNDERGRADUATES.

Guelich, Mrs. H. D., (4).
Emporia.
Gulick, Jennie, (N-3).
Kiowa.
Gunby, Lura, (N-2).
Buffalo.
Gunckel, Lula A., (C-2).
Hargrave.
Gunkel, Louis G. (N-1).
Emporia.
Gunn, Ada Kathryn, (C-1).
Westphalia.
Gunzelman, Goldie May, (N-1).
Emporia.
Gunzelman, Joseph, (N-1).
Emporia.
Guy, Adrian, (N-1).
Howard.
Haas, Pearle, (N-3).
Eskridge.
Hagge, Mrs. Elizabeth, (N-4).
Pleasanton.
Haigler, Mabel, (N-2).
Hepler.
Hail, Ruth, (C-1).
Emporia.
Hakes, Milo M., (C-3).
Clyde.
Hakes, Stella, (C-2).
Clyde.
Hale, Elva, (N-1).
Emporia.
Haley, Belva, (N-1).
Dennis.
Hall, Clifford, (N-1).
Hazelton.
Hall, Della, (N-3).
Powhattan.
Hall, Durell, (5).
Emporia.
Hall, Emily, (3, 4).
Emporia.
Hall, M. Grace, (N-3).
Minneola.
Hall, Margaret, (N-4).
Ellsworth.
Hall, Myrtle Viola, (N-4).
Cherryvale.
Hall, Nellie E., (N-3).
Emporia.
Hall, Stella, (N-4).
Powhattan.
Hall, Zella, (1, 4).
Emporia.
Hamer, Dorothy, (1).
Emporia.
Hamer, Helen, (2).
Emporia.
Hamer, Irene, (1).
Emporia.
Hamill, Nell, (C-1).
Grenola.
Hamilton, Agnes, (N-4).
Blue Rapids.
Hamilton, Nell Scott, (C-3).
Emporia.
Hammond, Ethel, (N-1).
Reading.
Hammond, Gertrude, (N-4).
Emporia.
Hammond, Katherine, (N-1).
Emporia.
Hancock, Ella May, (C-1).
Emporia.
Hancock, McKinley, (1).
Emporia.
Haney, Kathryn, (N-3).
Fontana.
Hann, Nellie, (C-1).
Emporia.
Hansen, Nina, (C-1).
Greenleaf.
Happy, Guy, (N-1).
Emporia.
Hardcastle Ava Julia, (C-2).
Emporia.
Harder, Dorothy, (1).
Emporia.
Harder, Elvina, (N-1).
Dunlap.
Hardin, Glen T., (N-2).
Marceline, *Mo.*
Hardin, Ruth C., (N-1).
Marceline, *Mo.*
Hare, Fannie M., (C-3).
Emporia.
Hardtarfer Rena, (N-1).
Baldwin.
Hargett, Marion, (4).
Emporia.
Hargiss, Floyd, (N-3, 4).
Pittsburg.
Hargiss, H. W., (4).
Pittsburg.
Harmon, Chloe A., (N-3).
Sun City.
Harner, Aurilla, (C-1).
Green.
Harney, Florence, (C-1).
Blackwell, *Okla.*
Harper, Bertha, (C-1).
Eureka.
Harper, Ethel, (C-1).
Peabody.
Harpham, Charles R., (N-1).
Castleton.
Harr, Mabel, (N-2).
Emporia.
Harr, Winifred, (C-2).
Emporia.
Harris. Anna, (N-3).
Burrton.

UNDERGRADUATES.

Harris, Augusta C., (C-1, 4).
Emporia.

Harris, Edythe Blanche, (N-1).
Oak Valley.

Harris, Ethel, (C-3).
Emporia.

Harris, Icy, (N-1).
Emporia.

Harris, LeRoy D., (C-1).
Eudora.

Harris, Nellie, (N-4).
Oak Valley.

Harris, Ruth A., (N-1).
Langdon.

Harris, Verle, (C-3, 4).
Emporia.

Harrison, Alice, (N-1).
Waverly.

Harrison, D. C., (C-1).
Marion.

Hart, Lynnora, (N-1).
Bonner Springs.

Hartman, Albert, (N-1).
Emporia.

Harvell, Fern, (N-3).
Pawnee, *Okla.*

Harvey, Cora E., (N-4).
Goddard.

Harvey, Lillie, (1).
Emporia.

Harvey, Robert C., (N-1).
Americus.

Haslam, Marion Kate, (N-3).
Council Grove.

Hassinger, Esther, (N-1).
Emporia.

Hassinger, Janet, (1).
Emporia.

Hatcher, Isaac, (N-1).
Emporia.

Hatcher, Mary, (1).
Emporia.

Hatcher, Paul, (1).
Emporia.

Hathaway, Sylvia P., (N-1).
Robinson.

Haupt, Lillian, (C-1).
Burlington.

Hawley, Clara, (N-3).
Hutchinson.

Haworth, Bessie, (N-3).
Jewell City.

Hay, Flossie, (C-1).
Eskridge.

Hay, William S., (C-1).
Eskridge.

Haynes, Chas., (C-1).
Emporia.

Haynes, Mabel, (C-1).
Emporia.

Haynes, Marguerite Biddle, (C-1).
Emporia.

Haynes, Virginia, (1).
Emporia.

Haynes, William, (1).
Emporia.

Hays, Carrie, (C-2).
Parsons.

Hays, Edith Clare, (C-2).
Emporia.

Hays, Myrtle, (C-2).
Emporia.

Haywood, Elizabeth, (2).
Emporia.

Hayworth, Myrtle, (1).
Emporia.

Heagy, Edna, (C-1).
Peabody.

Hearn, Thomas, (N-1).
Yates Center.

Hearst, W. F., (C-1).
Parsons.

Hearst, Mrs. W. F., (N-3).
Parsons.

Heaton, Albert, (C-2, 4).
Bronson.

Heaton, H. E., (N-1).
Bronson.

Hebrank, Lillie, (N-3).
Council Grove.

Hebrank, Mary, (4).
Council Grove.

Hebrank, Tillie E., (N-3).
Council Grove.

Hedges, Joseph M., (N-3, 4).
Elk City.

Hegle, Bertha V., (N-3).
Lost Springs.

Heikes, Mabel, (C-1).
Norton.

Heim, Elizabeth M., (C-2).
Dorrance.

Heldman, Minda, (C-1).
Jetmore.

Hembling, Violet, (2).
Emporia.

Hemenway, Edna, (C-1).
Emporia.

Hemenway, Ruth, (1, 4).
Emporia.

Hemphill, Katherine, (C-1, 4).
Norton.

Henderson, F. D., (C-1).
Eskridge.

Henderson, Josie, (N-3).
Garnett.

Henderson. Maggie, (N-3).
Eskridge.

Hendrickson, Floyd, (N-1).
Emporia.

UNDERGRADUATES.

Hendrickson, Irl, (N-1).
Emporia.

Hendrickson, Mabel, (C-1).
Chanute.

Hendrix, Sam, (C-1).
Great Bend.

Henkins, Ethel, (C-1).
Burlington.

Henning, Ella, (N-2).
Wallace.

Henry, David W., (C-3).
Emporia.

Henry, Stella F., (C-1).
Piedmont.

Hensell, Estella, (N-3).
Oberlin.

Hensley, Edwin, (1).
Emporia.

Hensley, Florence, (2).
Emporia.

Henthorn, Hattie, (C-2).
Santa Fe.

Hepworth, George C., (C-1).
Burlingame.

Herde, Florence, (4).
Hoyt.

Herde, Grace, (N-4, 4).
Hoyt.

Herde, Noah, (N-1, 4).
Hoyt.

Herndon, Victor, (N-1).
Dwight.

Herod, Len B., (C-1).
Erie.

Hesse, Lena, (N-1).
McLouth.

Hester, Rose, (N-1).
Welda.

Hetzel, George, (C-4).
Elmont.

Hibbard, Edith, (4).
Emporia.

Hibner, Bebe, (N-3).
Gardner.

Hicks, Mrs. Virginia Pierce, (C-2).
Lakin.

Hicks, Virginia, (1).
Lakin.

Hightshoe, Charlie, (1).
Emporia.

Higinbotham, Ethel, (N-3).
Morland.

Hildebrand, Erna Louis, (N-2).
Cimarron.

Hill, Ara, (C-1).
Hoxie.

Hill, Catharine, (C-1).
Halstead.

Hill, Cregg, (N-1).
Burlington.

Hill, C. W., (C-1).
Smith Center.

Hill, Duryee, (4).
Emporia.

Hill, Emza, (N-4).
Madison.

Hill, Gladys, (C-1).
Mulvane.

Hill, Luella, (N-3).
Washington.

Hill, Mabel, (N-1).
Burlington.

Hill, Muriel, (4).
Emporia.

Hill, Ormond, (N-2).
Emporia.

Hill, Ruth E., (1, 4).
Emporia.

Hill, Ruth O., (4).
Emporia.

Hillerman, Thelma, (2).
Emporia.

Hillier, Ethel, (N-3).
Fulton.

Hillier, Louise, (N-3).
Fulton.

Hills, Nella, (C-1).
Lebanon.

Hime, F. R., (N-3).
Centerville.

Hines, Beulah, (C-1).
Dewey, *Okla.*

Hinshaw, Albert, (1).
Emporia.

Hinshaw, Ruth A., (N-4).
Emporia.

Hinshaw, Sara M., (C-1).
Emporia.

Hirschler, A. E., (C-1).
Hillsboro.

Hitchens, Perry, (N-3).
Burlington.

Hodges, Amorette, (N-1).
Emporia.

Hodges, Carrie, (N-1).
Emporia.

Hodges, Clara F., (C-1).
Ottawa.

Hodges, Esther, (N-1).
Ottawa.

Hodgson, Hattie, (N-4).
Emporia.

Hoelcel, Mrs. George H., (4).
New Ulysses.

Hoffman, Ida, (N-3).
Elk.

Hogan, Kate, (N-3).
Humboldt.

Holderman, Dumont, (1).
Emporia.

UNDERGRADUATES.

Holland, J. T., (N-4).
Robinson.

Holland, Keene, (2).
Emporia.

Holland, Kelly, (1).
Emporia.

Holland, Nellie, (C-2).
Caney.

Hollingsworth, H. M., (C-3).
Emporia.

Holmes, Glenn, (N-1).
Emporia.

Holmes, Grace, (N-1).
Emporia.

Holmes, May, (C-3).
Prescott.

Holmes, Morton, (N-3).
Emporia.

Holmes, Van R., (5).
Emporia.

Holshouser, Leonora, (N-1, 4).
Dwight.

Honn, Pearl, (N-1, 4).
Uniontown.

Hooker, Violet, (N-1).
Emporia.

Hooper, Mildred E., (N-1).
Junction City.

Hoopes, Ethelwynn, (C-1).
Pomona.

Hoopes, Helen Rhoda, (C-1).
Emporia.

Hoover, Lucile, (C-1).
Burlingame.

Hoover, Myrtle E., (N-4).
Downs.

Hopkins, Ruth, (N-4).
Cedar Vale.

Horton, Ilo, (N-1).
Tulsa, *Okla.*

Hothan, Mary L., (C-2).
Lyndon.

Hott, Nora M., (C-1).
Hiawatha.

Houlton, Vera, (C-1).
Florence.

Housholder, Lora, (N-3).
Bucyrus.

Houston, Hazel, (C-1, 4).
Chanute.

Houston, M. Ona, (C-1).
Potwin.

Houston, Orem, (N-1).
Potwin.

Houts, Blanche, (N-4).
Emporia.

Houts, Grace, (N-3).
Emporia.

Hover, Harriett, (1, 4).
Eureka.

Hover, Mrs. Margaret, (N-4).
Eureka.

Howard, Edith, (N-4).
Cherryvale.

Howard, Flora C., (N-3).
Liberty.

Howard, Georgia, (C-1).
Erie.

Howard, Ida, (N-3, 4).
Hutchinson.

Howard, Mary E., (C-1).
Leavenworth.

Howard, Mary G., (C-1).
Emporia.

Howard, May Belle, (C-3).
Emporia.

Howard, Ralph, (N-1).
Emporia.

Howard, Stella, (N-1).
Richland.

Howell, Grace E., (C-4).
Emporia.

Howland, J. C., (N-1).
Independence.

Hoxie, Ella, (C-1).
Leavenworth.

Huffman, Hazel, (C-1).
Emporia.

Huffman, Leslie, (C-1).
Garden City.

Huggins, Mary, (1).
Emporia.

Huggins, William, jr., (1).
Emporia.

Hughes, Athur O., (N-4, 4).
Emporia.

Hughes, John, (N-3).
Dunlap.

Hughes, Metta, (C-1).
Corydon, *Iowa.*

Hughes, Phillip, (2).
Emporia.

Hull, E. Beryl, (C-2).
Tarkio, *Mo.*

Hull, Effie F., (N-3).
Winchester.

Hull, Ida, (N-1).
Winchester.

Hultz, Laura, (1).
Emporia.

Humbargar, Esther, (N-3).
Salina.

Humphrey, Ida, (1).
Emporia.

Humphrey, Jesse, (1).
Emporia.

Hunger, Audria May, (C-1).
Alta Vista.

Hunt, Harry C., (N-3).
Parsons.

UNDERGRADUATES.

Hunt, Walter T., (N-1).
Parsons.

Hunter, Madge, (N-3, 4).
Harveyville.

Hunter, Marguerite, (N-4).
Emporia.

Hunter, Mildred, (1).
Emporia.

Hunter, William, (1).
Emporia.

Hurst, Leonard L., (5).
Emporia.

Hutcherson, Rosa, (C-1).
Arnold.

Hutchins, Lida, (N-4).
Emporia.

Huxman, W. A., (N-3).
Pretty Prairie.

Iden, Gaye, (N-3).
Gove.

Iden, Joye, (N-4).
Gove.

Ikenberry, Gilford J., (N-3).
Quinter.

Ingham, Blanche, (N-3).
Fort Scott.

Ingle, Anna, (N-1).
Overbrook.

Ingels, Nannie, (N-1).
Parsons.

Ireland, Neal D., (N-1).
Florence.

Irwin, Irene, (N-3).
Emporia.

Irwin, Mary Estella, (N-3).
Emporia.

Jackson, Creta, (4).
Greeley.

Jackson, Dale, (N-3).
Pratt.

Jackson, Gladys, (N-3).
Washington.

Jackson, Minnie Etta, (C-1).
Kansas City.

Jacoby, Jennie, (4).
Emporia.

Jaggard, Guy H., (C-3).
Marquette.

Jaggard, Louise, (4).
Emporia.

James, Harry, (N-1).
Hartford.

James, Maurice, (C-1).
Madison.

Jameson, Bertha, (N-3).
Reamsville.

Jaquith, Mark, (1).
Emporia.

Jarrott, J. W., (C-2).
Atchison.

Jasper, May, (C-1).
Lebo.

Jenks, Gertrude, (C-1).
Howard.

Jensen, Albert, (C-1, 4).
Ottawa.

Jensen, Bernard, (N-1).
Emporia.

Jensen, John, (N-1).
Emporia.

Jensen, Tynah, (N-1).
Bushong.

Jensen, Victor, (N-1).
Ottawa.

Jent, H. C., (8).
Hoxie.

Jeremy, Helen Ruth, (N-4).
Emporia.

Jeremy, Ralph, (N-1).
Emporia.

Jimison, Brunetta, (C-1).
Stafford.

Johnson, Bertha, (N-4).
San Angelo, *Tex.*

Johnson, Bettie, (N-1).
Assaria.

Johnson, Claud, (N-3).
Lincolnville.

Johnson, E. G., (N-3).
Pratt.

Johnson, Elizabeth Alma, (C-3).
Emporia.

Johnson, Emma, (N-1).
St. Louis, *Mo.*

Johnson, Gladys, (3).
Waverly.

Johnson, J. F., (C-3).
Altamont.

Johnson, Mrs. Mary E., (C-3).
Altamont.

Johnson, Mary E., (N-4).
Dwight.

Johnson, Nannie, (C-1).
Augusta.

Johnston, Emma L., (C-2).
Bronson.

Johnston, Nellie Hazel, (C-1).
El Dorado.

Jones, Carroll, (N-4).
Kirwin.

Jones, Catherine H., (C-3).
Emporia.

Jones, Colin C., (4).
Emporia.

Jones, Cora Belle, (N-3).
Emporia.

Jones, Dora E., (C-1).
Emporia.

Jones, Edith, (N-3).
Emporia.

UNDERGRADUATES.

Jones, Edward, (N-1).
Emporia.

Jones, Esther, (4).
Emporia.

Jones, Ethel Adaline, (N-4).
White Water.

Jones, Fern, (4).
Emporia.

Jones, George, (2).
Emporia.

Jones, Grace, (4).
Quincy.

Jones, Hazel, (N-1).
Emporia.

Jones, Hazel May, (C-3).
Emporia.

Jones, Iva Pearl, (N-3).
Emporia.

Jones, Jason, (C-1).
Emporia.

Jones, Lola, (N-1).
Bushong.

Jones, Malcolm, (4).
Emporia.

Jones, Minerva, (N-3).
Clifton.

Jones, Myrtle L., (C-1).
Cedar Vale.

Jones, Nellie, (N-1).
Emporia.

Jones, Sara A., (C-2).
Emporia.

Jones, Sylvia, (N-2).
Emporia.

Jones, J. Viola, (N-2).
Emporia.

Jones, Wynona, (C-1).
Iola.

Judy, Bessie, (N-3).
Oskaloosa.

Karr, Una, (C-3).
Emporia.

Katsuizumi, Sotokichi, (N-2).
No. 3, Tsubata, Kaga, *Japan.*

Keenan, Gertrude, (N-3).
Louisburg.

Keeney, Flora, (N-1).
Pawnee Station.

Keeney, Rose, (C-1).
Pawnee Station.

Keith, Carrie M., (C-1).
Belleville.

Kell, Mrs. Gertrude, (C-2).
Hays.

Kell, J. A., (C-4).
Shields.

Kelly, Elizabeth, (N-3).
Robinson.

Kelly, Frankie Vane, (N-3).
Allen.

Kendall, Vera, (N-1, 4).
Dwight.

Kendig, Esther, (1).
Emporia.

Kendig, Floyd, (1).
Emporia.

Kendig, Harold, (1).
Emporia.

Kennedy, Flosse, (C-2).
Coffeyville.

Kennel, Blanche E., (C-1).
Herington.

Kennel, Hattie L., (C-1).
Herington.

Kensley, Lucile Lois, (N-3).
Emporia.

Kepler, Arthur, (1).
Emporia.

Kepler, Edna, (1).
Emporia.

Kepler, Edward, (1).
Emporia.

Kernen, Ida M., (C-1).
Chanute.

Kernen, Martha, (C-3, 4).
Chanute.

Kersey, Elma June, (N-3).
Bushong.

Kersey, R. T., (C-2).
Wamego.

Kershner, L. B., (N-3).
Paola.

Ketchersid, John Lynn, (1).
Hope.

Keys, Lucile, (N-1).
Emporia.

Kidd, Anna L., (4).
Council Grove.

Killough, Bessie E., (C-2, 4).
Ottawa.

Kindsvater, Clara, (1).
Emporia.

Kindsvater, Edith, (1).
Emporia.

King, Edna Fay, (N-1).
Emporia.

King, Mabel Viola, (N-2).
Emporia.

King, Madge, (7).
Reading.

King, Oda May, (C-3).
Emporia.

Kinkaid, Ethel, (N-1).
Berryton.

Kinkead, Mabel A., (C-1).
Emporia.

Kinsey, Jennie, (C-1).
Kingman.

Kinnan, Norah, (C-1).
Blackwell, *Okla.*

UNDERGRADUATES.

Kirby, Arthur Elliott, (2).
Emporia.

Kirk, Edna, (C-1).
Flint Ridge.

Kirkeminde, Sadie M., (N-1).
Council Grove.

Kirkpatrick, Mrs. B. E., (N-3).
Sherman, *Texas.*

Kirkpatrick, Bertha, (C-1).
Oklahoma City, *Okla.*

Kirkpatrick, Laura M., (N-4).
Emporia.

Kissack, Ethel, (N-2).
Summerfield.

Kitch, Mary E., (N-4).
El Dorado.

Kitts, Nellie, (N-3).
Americus.

Kjellin, Judson, (2).
Emporia.

Klamm, Rose, (C-1).
Basehor.

Kline, Ruth, (C-1, 4).
Emporia.

Klinkenberg, Louise, (N-4).
Tonganoxie.

Kliwer, Arthur, (1).
Emporia.

Kliwer, Henry, (1).
Emporia.

Knight, Katharyn, (N-3, 4).
Maplehill.

Knight, Paul, (1).
Emporia.

Knisely, Alta, (N-2).
Emporia.

Knisely, Carrie, (N-3).
La Cygne.

Knisely, Cora, (N-3).
La Cygne.

Knisely, David, (N-2).
Emporia.

Knisely, Guy, (N-1).
Emporia.

Knox, Lula, (4).
Kansas City.

Knox, W. D., (N-1).
Emporia.

Koenig, Hettie, (1).
Emporia.

Koontz, Lois, (1).
Emporia.

Kraemer, Cornelius, (N-4).
Beattie.

Kramer, Carrie, (C-1).
Wamego.

Kraum, Clarence, (4).
Emporia.

Kraum, Ralph, (4).
Emporia.

Krigbaum, Olive, (C-1).
Topeka.

Kruger, Lottie, (N-3, 4).
Leavenworth.

Kuller, Avis, (N-2).
Emporia.

Kunz, Otto W., (C-1).
Emporia.

Kuykendall, Elsie, (N-2).
Osage City.

Kuykendall, Hazel I., (N-1).
Columbus.

Kuykendall, Myrtle, (N-1).
Osage City.

Kuykendall, Susie, (N-1).
Osage City.

La Force, Ora, (N-3).
Elk City.

Laird, Frank, (C-1).
Hoyt.

Laird, Homer, (N-2).
Mayetta.

Lamb, Flora B., (N-1).
Dunlap.

Lamb, Leola (N-1).
Dunlap.

Lambert, Edith, (N-2).
Elbing.

Lambert, J. Margaret, (C-1).
Toronto.

Lane, Laura E., (N-3).
Neosho Rapids.

Langford, Fern, (1).
Emporia.

Langford, Nellie, (C-1).
Heizer.

Lankton, A. J., (C-1).
Le Roy.

Lapham, Frazier, (1).
Emporia.

Larabee, Myra, (C-1).
Sabetha.

Larkin, W. A., (4).
Emporia.

Larson, Emil Leonard, (C-1).
Chanute.

Larson, E. Eric, (C-1).
Scandia.

Larson, Etta, (C-2, 4).
Salina.

Larson, John Albert, (C-3).
Chanute.

Larzelere, Margaret, (C-2).
Wathena.

Latshaw, Estella, (N-3).
Pratt.

Latter, Edith, (C-1).
Eureka.

Laude, Florence, (C-1).
Rose.

UNDERGRADUATES.

Lauer, Albert, (4).
Osage City.

Lawrence, Iva May, (N-1).
Emporia.

Laws, Katherine, (1).
Emporia.

Leatherman, Alta, (N-1).
Dunavant.

Leatherman, Clara, (N-1).
Dunavant.

Leatherman, Mary, (N-1).
Dunavant.

Leck, Byron Wilfred, (N-3).
Linn.

Lee, Gwendola, (N-4).
Louisburg.

Lee, William, (N-1).
Ackerland.

Lemon, Fern M., (N-1).
Parker.

Leonard, Albia, (N-1).
Wauneta.

Lesh, Ruth, (C-1).
Arkansas City.

Lett, Alma, (N-1).
Emporia.

Levy, Esther, (N-1).
Emporia.

Lewis, Addie R., (N-1).
Dunlap.

Lewis, Benjamin H., (N-1).
Emporia.

Lewis, Chaney Edna, (N-2).
Emporia.

Lewis, Cora A., (N-1).
Hamilton.

Lewis, Dennis M., (C-1).
Kingfisher, *Okla.*

Lewis, Elizabeth, (N-3, 4).
Emporia.

Lewis, Elmer, (1).
Emporia.

Lewis, Ernest, (2).
Emporia.

Lewis, Frances, (N-3).
Emporia.

Lewis, Sarah, (C-1).
Emporia.

Lewis, W. Glen, (4).
Emporia.

Lichlyter, Bessie, (N-1).
Sharon.

Lichlyter, Lola, (N-3).
Sharon.

Liggett, Lois Mae, (N-1).
Rosalia.

Lilly, Bess, (N-4).
Emporia.

Lilly, Myrtle, (N-1).
Wayne.

Lindley, Hattie, (C-1).
Independence.

Lidsay, Mazie, (C-1).
Garnett.

Lindsay, Beatrice, (5).
Emporia.

Lindsay, Perthenia, (N-1).
Galesburg.

Lineker, Nelle, (N-1).
Bushong.

Link, Enid M., (3).
Topeka.

Little, Bess A., (C-1).
Eureka.

Little, Elizabeth A., (C-1).
Eureka.

Lock, Faye, (N-4, 4).
Emporia.

Lock, M. O., (C-1).
Emporia.

Locke, Lelah May, (N-3).
Bartlesville, *Okla.*

Lockhart, Harriet, (C-1).
Goff.

Lockridge, Lida, (C-1).
Sabetha.

Lockwood, Daniel C., (C-1).
Emporia.

Lockwood, Lawrence, (1).
Emporia.

Loeffler, Laura L., (N-1, 4).
Linn.

Loeffler, Martha, (N-2).
Linn.

Loevenguth, J. C., (N-3).
Udall.

Logsdon, Marion, (1).
Emporia.

Logsdon, Viccie, (C-1).
Grenola.

Long, Henry F., (C-2).
Emporia.

Long, Mary E., (N-1).
Moline.

Long, John Franklin, (1).
White Water.

Long, R. E., (C-3).
Lincoln.

Long, Samuel Stover, (C-3, 4).
Emporia.

Long, Spencer, (2).
Emporia.

Longberg, Minnie, (N-3).

Longenecker, Franklin F., (N-4).
Emporia.

Longfellow, Daisy, (1).
Emporia.

Longfellow, Ettie Belle, (N-2).
Emporia.

UNDERGRADUATES.

Longshore, Mrs. Florence, (N-4).
Iola.

Lonker, Clara V., (N-1).
Medicine Lodge.

Look, Lucile, (C-1).
Stockton.

Lord, Bertha D., (5).
Emporia.

Losey, Leslie, (C-1).
Clay Center.

Love, Pearl, (C-1).
Oberlin.

Loveless, Hazel, (N-1).
Emporia.

Lowe, Cecelia, (N-1).
Topeka.

Lowry, Zola (C-1).
Paola.

Lowther, Eugene, (N-2).
Emporia.

Lucas, Katherine, (1).
Emporia.

Lucas, Leon, (2).
Emporia.

Lunden, Mina, (C-1).
Salina.

Luse, Hattie, (N-1).
Garnett.

Lusk, Sarah, (N-1).
Olivet.

Lutt, Gussie Seward, (5).
Emporia.

Lutz, Hattie, (N-4, 4).
Jewell City.

Lyddane, Mary, (N-1).
Eskridge.

Lyles, Mary, (N-4).
Fontana.

Lyness, Arthur S., (C-1, 4).
Walnut.

Lytle, William, (1).
Emporia.

McAdam, Fannie, (N-4).
Effingham.

McBride, James Ramsey, (N-1).
Doniphan.

McCabe, Georgia, (1).
Emporia.

McCabe, Sadie, (N-2).
Lyons.

McCafferty, Frank, (C-3).
Clearwater.

McCafferty, Roy, (N-1).
Clearwater.

McCandless, Mary Evaline, (2).
Emporia.

McCandless, Rhea, (2).
Emporia.

McCarter, Lela, (1).
Emporia.

McCarter, Meda, (1).
Emporia.

McCarty, J. F., (N-4).
Parker.

McCarty, Leona Gray, (N-4, 4).
Emporia.

McCarty, Olivia, (C-2).
Emporia.

McCaw, Lorena, (2).
Emporia.

McCaw, Mildred, (N-4).
Americus.

McCaw, Myrtle A., (N-4).
Americus.

McClanahan, Hattie, (N-3).
Lewis.

McClure, Adda M., (C-1).
Yates Center.

McClure, Charlotte, (C-1).
Winchester.

McClure, Edna, (2).
Emporia.

McClure, Faye, (N-3).
Grenola.

McCollum, Beatrice, (N-1).
Santa Fe.

McCollum, Lenora H., (N-3).
Santa Fe.

McCollum, Walter, (N-1).
Santa Fe.

McConnell, Donald, (N-1).
Council Grove.

McConnell, Mabel C., (N-3).
Cherryvale.

McConnell, W. W., (N-4).
Council Grove.

McCormack, Nellie, (N-1).
Emporia.

McCormick, Grace, (C-1).
Hanover.

McCormick, Vivian, (2).
Emporia.

McCown, Marshall, (1).
Emporia.

McCown, Wallace, (2).
Emporia.

McCoy, Emily, (N-1).
Emporia.

McCoy, J. P., (8).
Wamego.

McCrabb, Leota, (N-1).
Council Grove.

McCullough, Clarence, (N-1).
Kingman.

McCullough, Edna, (C-1).
Emporia.

McCullough, Eliza, (1).
Emporia.

McCullough, John, (2).
Emporia.

UNDERGRADUATES.

McCullough, Margaret, (1).
Emporia.

McCullough, Roberta, (C-1, 4).
Emporia.

McCullough, Roscoe, (C-1).
Emporia.

McCullough, Roy S., (C-1).
Republic.

McCurdy, Dessa Forest, (C-1).
Williamsburg.

McCutcheon, Nellie, (1).
Emporia.

McDill, Hardin, (1).
Emporia.

McDonald, Anna, (N-3).
Hartford.

McDowell, Angie, (N-4).
Emporia.

McDowell, James D., (C-1).
Emporia.

McElfresh, William, (1).
Emporia.

McGahey, Alma, (N-4).
Emporia.

McGinnis, Ethel, (C-1, 4).
Emporia.

McIntosh, Benjamin H., (N-3, 4).
Lost Springs.

McIntosh, Joseph L., (N-3, 4).
Lost Springs.

McIntosh, Louisa, (N-4).
Lost Springs.

McIntosh, O. C., (N-3, 4).
Linn.

McKain, Laura, (N-1).
Emporia.

McKee, John Charles, (C-1).
Medicine Lodge.

McKee, Ora, (3).
Westmoreland.

McKenzie, Christine, (C-1).
Agra.

McLaren, Ida, (N-1).
Earleton.

McLaughlin, Bula, (N-1).
Kansas City.

McLeland, Ethel, (N-3).
Chanute.

McLeland, Ina N., (N-2, 4).
Kincaid.

McMurray, Ruth, (C-1).
Le Roy.

McMurray, A., (N-1).
Cleveland, *Okla.*

McNabb, Mary Clarissa, (C-2).
Waverly.

McNally, John, (N-3).
Hiattville.

McNally, M. V., (N-1).
Hiattville.

McNamara, Anna, (N-3).
Frankfort.

McNamee, Chloe Olive, (N-3).
Nickerson.

McNamee, Grace, (N-1).
Nickerson.

McNamee, Marie, (N-1).
Nickerson.

McNeeley, Omer, (N-1).
Emporia.

McNutt, Florence, (4, 2).
Emporia.

McNutt, William, (2).
Emporia.

McPhilimy, Bertha, (C-1).
Effingham.

Mack, Minnie R., (C-1).
Axtell.

Mader, Jennie, (C-1).
Eskridge.

Magathan, Clara, (4).
Emporia.

Magrath, Rose, (N-1).
Harris.

Maguire, Ellen, (N-1).
Emporia.

Mahuron, N. B., (N-4).
Iola.

Malhorn, Minnie, (C-1).
Walnut.

Malingren, Ruth, (N-1).
Falun.

Mallary, Benjamin E., (C-1).
Emporia.

Mallicoat, Glenna Opal, (C-1).
Eureka.

Mangelsdorf, Marie, (C-1).
Atchison.

Manley, S. Vinette, (C-1).
Iola.

Manly, Vera E., (N-3).
Diamond Springs.

Mann, Ethel Mary, (C-1, 4).
Wilder.

Mannen, Jean, (N-3).
Lincoln.

Manning, Evangeline, (C-1).
Emporia.

Manson, Selma, (N-1).
Stark.

Mantooth, Frank, (N-3).
Elk City.

Maple, May, (N-3).
Mulvane.

Marcum, Lena A., (C-1).
El Dorado.

Marks, F. C., (C-2).
Lawrence.

Marks, Fern, (2).
Emporia.

UNDERGRADUATES.

Marley, Robert C., (C-2).
Emporia.
Marlowe, Charles C., (C-2).
Hartford.
Marlowe, Alice, (C-3, 4).
Hartford.
Marlowe, Mabel, (C-1, 4).
Hartford.
Marlowe, Myrtle, (C-1, 4).
Hartford.
Marsh, Jessie, (N-3).
Paola.
Marsh, Launa, (N-1, 4).
Emporia.
Marsh, Lawrence, (4).
Emporia.
Marshall, Grace, (1, 4).
New Ulysses.
Marshall, Lee, (1, 4).
New Ulysses.
Marshall, Marion S., (1, 4).
New Ulysses.
Marshall, Ray E., (1).
New Ulysses.
Marshall, Sylvia, (C-1, 4).
Walton.
Marsland, Hinckley, (N-1).
Emporia.
Martin, Agnes, (N-1).
Burlington.
Martin, Beatrice, (N-3).
Garnett.
Martin, Charles C., (7).
Emporia.
Martin, Edith, (N-1).
Delavan.
Martin, Harold, (1).
Emporia.
Martin, Hazel, (1).
Emporia.
Martin, Layton, (1).
Emporia.
Martin, Nina M., (N-3).
Burlington.
Martin, Ollie Jane, (C-1).
Garnett.
Martin, Robert, (N-1).
Cassoday.
Martin, Zoah, (1).
Emporia.
Marty, Joseph, (C-3).
Longford.
Marvin, Eva, (2).
Emporia.
Marvin, Sadie M., (N-2).
Emporia.
Mason, Miriam, (N-2, 4).
Olivet.
Mathews, Bertha, (C-2).
Chanute.
Mathews, Florence, (N-3).
Chanute.
Mathis, Florence, (5).
Waverly.
Mattock, William, (N-2).
Marion.
Mauck, Floyd, (C-1, 4).
Emporia.
Mauck, Gladys, (N-2).
Emporia.
Mauck, Mrs. Meda, (N-4).
Emporia.
Maure, Ruth E., (N-3, 4).
Reserve.
Maxson, Mae, (C-1).
Emporia.
Maxwell, Helena, (N-1, 4).
Emporia.
Mayes, Louise M., (4).
Emporia.
Meeker, Catherine, (C-3).
Emporia.
Meisner, Estella B., (N-4).
Sabetha.
Melvin, Lillian, (C-1).
Iola.
Mercer, Margaret, (N-2).
Emporia.
Mercer, S. W., (N-3).
Greenleaf.
Meredith, Una, (N-3).
Fall River.
Merrill, Frank, (N-1).
Le Roy.
Merrill, George W., (N-4).
Le Roy.
Merrill, Mary B., (N-3).
Le Roy.
Merrill. Maude, (N-3).
Le Roy.
Merrill, Nellie, (N-3).
Le Roy.
Merry, Gertrude, (N-1, 4).
Winfield.
Merry, Leota, (N-3).
Winfield.
Mester, Hazel, (C-1).
Atchison.
Metzen, Anna, (C-1).
Edna.
Metzger, Floyd, (N-1).
Council Grove.
Meyer, Edith E., (N-2).
Riley.
Meyer, Mamie, (N-1, 4).
Linn.
Meyer, W. J., (N-4).
Linn.
Meyers, Emmett, (1).
Emporia.

UNDERGRADUATES.

Mickey, J. R., (N-1).
Wichita.

Middleton, Augusta, (3).
Caney.

Miller, Arthur A., (C-1, 4).
Yates Center.

Miller, A. H., (N-1).
Tampa.

Miller, Albert R., (N-3).
Bonner Springs.

Miller, Anna O., (C-1).
Hope.

Miller, Clara, (N-2).
New Ulysses.

Miller, Frances, (C-1).
Horton.

Miller, Frank R., (C-1).
Cimarron.

Miller, Hortense, (4).
Emporia.

Miller, Justin I., (C-1, 4).
Emporia.

Miller, Maude M., (N-4).
Iuka.

Miller, Myrtle Elaine, (N-3).
Council Grove.

Miller, Nora E., (N-4, 4).
Hazelton.

Miller, Olive, (N-4).
Muscotah.

Miller, Opal, (4).
Conway Springs.

Miller, Ralph, (N-1).
Thayer.

Miller, Raymond F., (C-3).
Emporia.

Miller, Robena E., (C-1).
Minneapolis.

Miller, Ross L., (C-1).
Cimarron.

Miller, Sidney L., (C-4).
Cimarron.

Miller, Vernon H., (N-1).
Rantoul.

Miller, Viola, (N-3).
Vining.

Miller, Willa, (C-1).
Blue Rapids.

Mills, Bertha L., (N-3).
Medicine Lodge.

Mills, Edith, (1).
Emporia.

Mills, Ethel, (N-3, 4).
Smith Center.

Mills, Florence L., (N-4).
Bucklin.

Mills, Rose M., (N-3).
Eureka.

Milner, June, (C-1).
Hartford.

Miner, Helen E., (5).
Hutchinson.

Mintern, Lula, (N-1).
White City.

Mitchell, A. Pansy, (N-4).
Valencia.

Mitchell, Lillian, (1).
Emporia.

Mitchell, Ralph, (1).
Emporia.

Mize, Edward, (2).
Emporia.

Mize, Robert, (2).
Emporia.

Moberly, Etna, (N-3).
Paola.

Moeller, Martha, (1).
Emporia.

Moeller, Vera, (1).
Emporia.

Molesworth, F. L., (N-4).
Emporia.

Montgomery, Pearl G., (N-3).
Wyandotte.

Montgomery, Mrs. Veva, (N-4).
Emporia.

Moody, Olive, (C-1).
Topeka.

Moody, Zoe, (C-2).
Topeka.

Moore, Bertha B., (N-1).
Kansas City, *Mo.*

Moore, Blanche, (N-1).
Gridley.

Moore, Clyde, (C-1).
Thayer.

Moore, Ida O., (8).
Leavenworth.

Moore, J. C., (N-3).
Marion.

Moore, Marie, (1).
Emporia.

Moore, P. Jessie, (N-1).
Richland.

Moore, Mattie B., (N-3).
Grenola.

Moore, Roberta, (1).
Emporia.

Moore, Vesta, (C-2).
Hartford.

Morgan, Anna Mae, (C-1, 4).
Pratt.

Morgan, Charles, (N-4).
Girard.

Morgan, David Walter, (1).
Emporia.

Morgan, Evan, (1).
Emporia.

Morgan, Phillip W., (1).
Emporia.

UNDERGRADUATES.

Morgan, Jean, (N-1).
Jarbalo.

Morgan, Tracy, (1).
Emporia.

Morrett, Alice M., (C-2).
Alta Vista.

Morris, A. Waldo, (N-3).
Dwight.

Morris, Julia, (N-2).
Emporia.

Morris, Lucile, (N-2).
Emporia.

Morrisey, Mae, (N-1, 4).
Frankfort.

Morrison, Roy L., (C-1).
Emporia.

Morse, Edith, (N-1).
Lebo.

Morse, Lula B., (C-1).
Lebo.

Morse, Viola, (2).
Emporia.

Morton, Adella, (C-1).
Toledo, *Iowa.*

Morton, Myrtle L., (N-4).
Richmond.

Mosby, Alice, (1).
Emporia.

Moss, Mrs. Cornelia, (C-3).
Emporia.

Moyer, Bertha, (N-4).
Quenemo.

Mullarky, Ethelyn, (C-1, 4).
Concordia.

Mullarky, Lulu, (N-1).
Concordia.

Mullen, Ruby, (N-3).
Webster.

Mullinix, Geraldine, (3).
Burlington.

Munsell, Irene, (C-1).
Russell.

Murphy, Andrew, (N-3).
Latham.

Myers, Darrel, (N-1).
Erie.

Myers, Oliver, (N-4).
Emporia.

Myler, Ada, (C-2).
Iola.

Myler, Mrs. E. W., (8).
Iola.

Myrick, John C., (C-1).
Hill City.

Nason, Elsie, (N-3).
Blue Rapids.

Neece, Lloyd, (C-1).
Wetmore.

Neill, Nelle Ashton, (C-2, 4).
Emporia.

Neiswender, Ethel V., (C-1).
North Topeka.

Nelsch, Minnie, (N-3).
Boicourt.

Nelson, Effie, (N-3).
Vesper.

Nelson, Elnora, (N-1).
Mapleton.

Nelson, Esther, (N-1).
Herington.

Nelson, Lottie, (N-4, 4).
Vesper.

Nelson, Louise, (N-2).
Allen.

Nelson, Mary B., (8).
Lincoln.

Nelson, William, (N-1).
Vesper.

Nettrouner, Roy A., (N-1).
Lost Springs.

Neumann, William, (N-4).
Washington.

Nevins, Eulalia, (5, 8).
Dodge City.

Newman, Albert, (1).
Emporia.

Newton, Alice, (N-3).
El Dorado.

Newton, Frank R., (5).
Emporia.

Newton, Laura, (1).
Emporia.

Nicholas, Charles K., (C-2).
Emporia.

Nichols, Eva B., (C-1).
Eureka.

Nicholson, Pearl T., (3).
Holton.

Nicolay, Amy, (C-2).
Scranton.

Niswonger, Irene, (4).
Emporia.

Noce, George L., (C-3).
Admire.

Noce, Homer, (1).
Admire.

Noggle, Raymond, (1).
Emporia.

Norlin, Nelle M., (N-3).
McCracken.

Northington, Ethel, (1, 4).
Emporia.

Nossaman, H. T., (N-3).
Kingman.

Nurse, Mrs. F. E., (5).
Emporia.

Nutting, Ada, (C-1).
Russell.

Nystrom, Ellen, (C-2).
Wellington.

UNDERGRADUATES.

Oakes, Martha, (C-2).
Peru.

O'Brien, John, (C-1).
St. Paul.

O'Brien, Lillian D., (C-1).
Wellington.

O'Brien, Nora E., (C-3).
Wellington.

O'Connor, Arch, (N-1).
Leeds.

O'Connor, Hanna, (N-3).
Blaine.

Officer, Leona, (C-1).
Emporia.

Officer, M. Ruth, (C-1).
Emporia.

Ogg, Esther (C-1).
Emporia.

Oldham, Pearson, (N-3, 4).
Paola.

Oliger, A. L., (5).
Emporia.

Olston, Annie C., (N-3).
Axtell.

O'Neill, Frances, (2).
Emporia.

Ormsby, Isaac, (1).
Emporia.

O'Roke, Dotte, (N-3, 4).
Fairview.

Orr, Geneva, (N-1).
Reading.

Orwig, Beatrice, (C-1, 4).
Independence.

Osborne, Gillmore Eldridge, (1).
Emporia.

Osterhout, F. W., (C-1).
Morrowville.

O'Toole, Gertrude, (N-1).
Melvern.

O'Toole, Nell, (N-2).
Melvern.

Owen, Catherine, (N-3).
Emporia.

Owen, Ethel, (C-1).
Topeka.

Owen, Lucile, (C-3).
Emporia.

Owens, George B., (N-3).
Merriam.

Owens, Gertrude, (C-1).
Topeka.

Owens, Hugh, (N-4).
Chanute.

Owens, Lulu, (1).
Emporia.

Owens, Maude, (N-3).
Toronto.

Page, Daisy, (N-1).
Valley Falls.

Page, Frank L., (C-1).
Clyde.

Palmer, Grace Margaret, (C-1, 4).
Eureka.

Palmer, Jeanette, (N-1).
Emporia.

Palmer, Tida, (N-1).
Emporia.

Palmer, Jay, (1).
Emporia.

Parke, Marian F., (N-4).
Emporia.

Parker, Bess, (N-1).
Coats.

Parker, Cora, (C-3).
Emporia.

Parker, Irene, (4).
Emporia.

Parmley, E. C., (N-1).
Hutchinson.

Parrington, Mary Louise, (4).
Emporia.

Parrish, Benjamin, (4).
Dunlap.

Parrish, Loris, (4).
Dunlap.

Parsons, Clair, (N-2).
Emporia.

Patten, A. Mary, (N-1, 4).
Clearwater.

Patterson, Anna, (N-3).
Pleasanton.

Patterson, Cora, (N-1).
Pleasanton.

Patterson, Herbert, (N-1).
Dunlap.

Patterson, Mabel Ellen, (N-3).
Rosalia.

Patterson, Mabel M., (C-1).
Neodesha.

Patterson, Wayne, (N-2).
Emporia.

Paul, Fred S., (C-1).
Garnett.

Paxton, Mildred, (N-2).
Emporia.

Payne, Dorothy, (4).
Emporia.

Payne, John Howard, (N-3).
Emporia.

Payne, Mary Gladys, (C-3).
Emporia.

Payne, Norma Louise, (3).
Emporia.

Payne, Ralph, (N-3).
Parker.

Peach, Eugene, (4).
Emporia.

Peach, Jean, (4).
Emporia.

UNDERGRADUATES.

Peach, Joseph, (4).
Emporia.

Peak, Daisy, (C-1).
Paola.

Pearson, Mildred, (N-4).
Emporia.

Peck, Iva, (N-1).
North Topeka.

Peek, Hugh E., (C-1).
Seneca.

Peek, Zemira, (C-3).
Seneca.

Pegg, Beulah E., (N-2).
Cedar.

Pegram, Malinda, (N-3).
Virgil.

Pelzell, Pansy, (C-1).
Harper.

Pemberton, Irene, (C-3).
Emporia.

Pence, Lula, (N-1).
Baldwin.

Pence, Martha Pearl, (N-1).
Baldwin.

Pennington, Allyene, (1).
Emporia.

Pennington, Robert, (1).
Emporia.

Perkins, Edgar, (1).
Emporia.

Perkins, Quince, (1).
Emporia.

Perkins, Violet, (1).
Emporia.

Perry, Bessie E., (C-1).
Hartford.

Perry, Pauline, (C-1).
Neodesha.

Peterman, Leona B., (C-1).
Berryton.

Peterman, Mabelle, (C-1).
Berryton.

Peters, Helen, (1).
Emporia.

Peters, James C., (C-2).
Utica.

Peters, Margaret, (1).
Emporia.

Peterson, David, (N-1).
Delavan.

Peterson, Henry, (N-4).
Scandia.

Petford, Lenna, (N-3).
Saffordville.

Pett, Robert, (2).
Emporia.

Pfaff, Margaret May, (C-1).
Hazelton.

Phelps, Jennie, (N-1).
Cimarron.

Phillips, Dottie, (N-4).
Gridley.

Phillips, Lottie, (C-3).
Phillipsburg.

Phinney, R. V., (8).
Larned.

Pickens, Florence, (C-1).
Pittsburg.

Pickett, Alma, (C-1).
Emporia.

Pierson, Lola, (C-1).
Emporia.

Pierson, Wren W., (N-3).
Burlington.

Ping, Jessie, (N-1).
Langdon.

Piper, May, (N-4).
Emporia.

Piper, Nettie, (1).
Emporia.

Pixley, Nora E., (C-1, 4).
Wamego.

Plumb, Caroline, (5).
Emporia.

Poe, Lulu B., (N-4).
Parker.

Pomeroy, Charles F., (C-1).
Emporia.

Pool, Mrs. Amy Wells, (C-1).
Lyons.

Porter, Alma V., (N-3).
Okmulgee, *Okla.*

Porter, Andrew M., (N-4).
Mayetta.

Porter, Tom, (1).
Emporia.

Pospisil, Charles W., (N-4).
Marion.

Postma, R. A., (C-1).
Richland.

Pottorff, Clara, (N-3).
Severy.

Potwin, Elsie, (4).
Lyons.

Powell, Myrtle, (N-1).
Leavenworth.

Powers, Anna, (N-3).
Emporia.

Pralle, Emily, (1).
Emporia.

Prather, Nellie, (N-3, 4).
Protection.

Pratt, Ella, (N-3).
Emporia.

Pratt, Linnie, (N-1).
Emporia.

Pratt, McKinley, (N-2).
Emporia.

Pratt, S. E., (5).
Emporia.

UNDERGRADUATES.

Price, Blanche, (N-1).
Earleton.

Priest, Harriet, (4).
Emporia.

Priest, Howard, (N-2).
Emporia.

Pringle, Margaret, (N-1).
Rose.

Proctor, Nona, (N-1).
Shaw.

Prough, Clella, (1).
Dodge City.

Prough, Harold, (1).
Dodge City.

Prough, Mrs. J. C., (N-4).
Dodge City.

Prowant, Vernie M., (N-2).
Quay, *Okla.*

Prowse, Florence Ivah, (N-1).
Emporia.

Prowse, Minnie A., (3).
Emporia.

Pugh, L. L., (C-1).
Norton.

Pugh, Margaret, (N-1).
Emporia.

Purkey, Mae, (N-1).
Waverly.

Pyle, Anna Louisa, (C-2).
Americus.

Pyle, Bess, (5).
Emporia.

Pyle, Edna Earle, (4).
Emporia.

Ragle, Florence, (C-1).
Iola.

Railsback, Mourning K., (N-1).
Langdon.

Railsback, Nellie Gertrude, (C-1).
Langdon.

Ralston, Mollie, (4).
Emporia.

Randall, Lola, (N-3).
Bethel.

Randle, Gertrude, (N-3).
Riley.

Randle, Josephine, (N-2).
Riley.

Randolph, Florence, (1).
Emporia.

Randolph, John, (1).
Emporia.

Random, Edith, (N-3).
Eureka.

Rankin, C. M., (C-3).
Belpre.

Rankin, J. O., (N-4).
Emporia.

Rauscher, Frank, (1).
Emporia.

Ray, Dora, (N-3).
Atlanta.

Ray, Ella L., (N-1).
Atlanta.

Rayburn, Helen, (C-1).
Burns.

Raymond, Anna E., (C-1).
Scranton.

Rea, Anna, (C-1).
Miltonvale.

Rea, Laura R., (C-2).
Miltonvale.

Read, Dessa, (N-1).
Ottawa.

Reardon, Mae, (C-2).
Tonganoxie.

Rector, Edna, (N-2).
Emporia.

Rector, Eva Gertrude, (C-1).
Emporia.

Reeble, Rudolph, (1).
Emporia.

Reed, Agnes, (N-1).
Logan.

Reed, Emma S., (N-3).
Rose.

Reed, Janie, (N-1).
Logan.

Reed, Philadelphia, (N-3).
Topeka.

Rees, Irma, (N-1).
Emporia.

Rees, May C., (N-1).
Emporia.

Rees, Olive, (N-4).
Emporia.

Reese, Webster Paul, (N-4).
Garnett.

Reeves, Lycurgus Solon, (N-3).
Emporia.

Reeves, Theron H., (N-1).
Emporia.

Regan, James P., (N-3).
Elston.

Reissig, Fred, (N-1).
Marion.

Remer, Bessie, (1).
Emporia.

Remy, Wayne Paul, (2).
Emporia.

Reneau, Mary, (C-1).
Florence.

Renfroe, Lillian, (N-1).
Emporia.

Rennolds, C. E., (C-1).
Aliceville.

Reppert, J. C., (N-1).
Codell.

Retschlag, Esther, (1).
Emporia.

UNDERGRADUATES.

Rhine, Orin M., (C-3, 4).
Haddam.

Rhodes Rosa, (N-1).
Emporia.

Rich, Birdie, (4).
Emporia.

Rich, Elsie, (4).
Emporia.

Rich, Lillian, (5).
Coldwater.

Richardson, Marvin, (N-3).
Howard.

Richardson, Sadie J., (N-3).
Garden City.

Richman, Mildred, (N-1).
Earleton.

Richman, Willie, (N-3).
Earleton.

Ricketts, Lulu B., (N-3).
Iola.

Rieniets, Gerald Chester, (N-2).
Pratt.

Riffel, Elizabeth, (N-1).
Ramona.

Riggs, Clara, (1).
Emporia.

Riggs, Harold, (1).
Emporia.

Riggs, H. Victor, (C-1).
Florence.

Riggs, Nina B., (C-1).
Waterloo.

Riley, A. R., (N-1).
Paola.

Riley, Altha, (N-3).
Grenola.

Riley, Lloyd, (N-1).
Wellsville.

Rimmer, Lona Estella, (N-1).
Emporia.

Rindom, Ora G., (N-3).
Emporia.

Rindom, Verna, (1).
Emporia.

Rishel, Beth, (1).
Emporia.

Rishel, Warren, (N-4).
Emporia.

Ritchie, Evanella Rose, (1).
Emporia.

Ritchie, Morris, (1).
Emporia.

Roach, Stella, (N-3).
Cedar Vale.

Robb, Carrie, (C-1).
Osborne.

Robb, Edgar M., (C-1).
Osborne.

Robbins, Esther, (C-1).
Emporia.

Robbins, Martin, (1).
Emporia.

Roberts, Allen, (N-1).
Emporia.

Roberts, Cynthia Hart, (C-1).
Melvern.

Roberts, Edith, (C-1).
Emporia.

Roberts, L. B., (C-1).
Emporia.

Roberts, Rebekah, (4).
Emporia.

Roberts, Richard, (1).
Emporia.

Roberts, William, (1).
Emporia.

Robertson, Millie Lowdan, (N-3).
Emporia.

Robertson, R. W., (C-1).
Emporia.

Robinson, Mrs. C. M., (C-1, 4).
Emporia.

Robinson, Gertrude, (N-1).
Emporia.

Robinson, Ina, (N-1).
Melvern.

Robinson, May H., (N-3).
Collinsville, *Okla.*

Robinson, Ruth, (2).
Emporia.

Rochat, Lindsay, (N-3).
Council Grove.

Rochford, Jennie M., (N-3).
Emporia.

Rockhill, Orville, (2).
Emporia.

Rogers, Alice, (N-2, 4).
Emporia.

Rogers, Clarence, (N-2).
Yates Center.

Rogers, Maude E., (N-3).
Collinsville, *Okla.*

Rogers, Myrtle, (N-1, 4).
Sharon.

Rolfe, Cora, (N-1, 4).
Pratt.

Roper, Mabel, (C-1).
Ardmore, *Okla.*

Ropfogel, Isador, (1).
Radzechuv, *Germany.*

Ross, Clara P., (N-3).
Muskogee, *Okla.*

Ross, Mrs. Elsie, (N-1).
Hamilton.

Ross, Evelyn, (N-3).
Larned.

Ross, Frances L., (C-1).
Delphos.

Ross, Irving D., (N-3).
Cedar Vale.

UNDERGRADUATES.

Ross, S. J., (N-3).
Hamilton.

Ross, Wilbur, (N-1).
Shields.

Rost, Fred, (N-1).
Wauneta.

Roth, Gertrude Olive, (2).
Emporia.

Routt, Maggie, (C-1).
Paola.

Rowan, Clyde C., (N-4).
Buffalo.

Rowell, Margaret, (N-4).
St. John.

Rowton, Alice, (N-1).
Cimarron.

Rowton, Cleo, (N-3).
Cimarron.

Rufi, Elizabeth, (4).
Earleton.

Rufi, John, (N-1).
Urbana.

Rugg, Beatrice, (C-1).
Hazelton.

Ruggles, D. M., (N-2).
Stafford.

Rundus, Amos, (N-2).
Munden.

Rundus, Benjamin, (N-2).
Munden.

Rupp, Maud, (N-4, 4).
Moundridge.

Ruse, Pearl, (C-1).
Sabetha.

Russell, Edward, (N-1, 4).
McPherson.

Ryno, Chester A., (N-3).
Canton.

Saffer, Vernon, (N-1).
Emporia.

Sage, Lillie, (N-3).
Richland.

Sallee, Dorothy, (2).
Emporia.

Sallee, John Adams, (C-2).
Ottawa.

Saltus, Charles, (N-4).
Emporia.

Samson, Paul, (2).
Emporia.

Samuel, Harry, (1).
Emporia.

Saueressigg, Ivy, (N-1).
Emporia.

Saueressig, May, (N-1).
Emporia.

Sayre, John, (1).
Emporia.

Sayre, Mark, (1).
Emporia.

Schadt, Sophia, (N-1).
Vassar.

Schafer, Anna, (N-3).
Meriden.

Schafer, Elizabeth, (N-1, 4).
Meriden.

Schaffner, Daniel F., (1).
Emporia.

Schermann, Emma, (C-1).
Neodesha.

Schermann, Mary F., (C-1).
Neodesha.

Schlageter, Merle, (N-1).
Osage City.

Schlageter, Myrtle A., (N-1).
Osage City.

Schmitt, Bertha W., (N-4, 4).
Moundridge.

Schooler, Beulah, (N-1).
Hiawatha.

Schroeder, Justin, (1).
Emporia.

Schulthess, Lena P., (C-1).
Horton.

Schultz, Nelle, (N-4).
Kenneth.

Schuster, Ollie, (N-1).
Ozawkie.

Sconce, Nellie E., (C-2).
Quenemo.

Scott, Agnes, (N-1).
Logan.

Scott, Alma V., (C-1).
Stockton.

Scott, Bessie, (N-3).
Bucyrus.

Scott, Ira, (N-3).
Thayer.

Scott, Mabel, (N-4, 4).
Fort Scott.

Scott, Minnie E., (C-2).
Westmoreland.

Scott, Nelle, (N-3).
Logan.

Scriven, Jessie, (C-1).
Lucas.

Scyphers, Martha, (C-1).
Grenola.

Seacat, Gracia, (N-4, 4).
Ashland.

Seaman, Howard, (C-1).
Axtell.

Secrest, Bessie Gay, (C-3).
Emporia.

Sego, Lois Coral, (N-1).
Emporia.

Sego, Tina, (N-1).
Arrington.

Selanders, Rhoda, (4).
Westphalia.

UNDERGRADUATES.

Sellers, Mamie, (N-3, 4).
Grenola.

Senseman, Helen, (C-1).
Lawrence.

Service, Mary L., (C-1).
Eureka.

Severance, Ruth Calkins, (C-2).
Garden City.

Shackelford, Anna, (N-4).
Grenola.

Shackleford, Ella, (C-1).
Grenola.

Shafer, Harry, (N-1, 4).
Emporia.

Shafer, Mrs. Lillie, (N-3, 4).
Emporia.

Shanahan, Katherine, (N-3).
Salina.

Sharp, Aurilla, (C-1).
El Dorado.

Sharp, Susie Mae, (N-1).
Riley.

Shaw, Anna E., (N-3).
Emporia.

Shaw, Mrs. Della, (C-1).
Grenola.

Shaw, Elmer, (1).
Emporia.

Shaw, Wayne F., (C-1).
Grenola.

Shaw, Roy H., (N-1).
Galesburg.

Shawver, Grace, (4).
Kincaid.

Shanteau, Ethel, (N-1).
Stafford.

Shedivetz, Albert, (N-1).
Severy.

Sheldon, Florence M., (N-4).
Burlingame.

Sheridan, George, (N-4).
Emporia.

Sherman, Mary, (C-1).
Neodesha.

Shewmaker, Ethel, (N-4).
Bolckow, *Mo.*

Shidler, Mamie, (1).
El Dorado.

Shields, R. F., (N-1).
Leavenworth.

Shinn, Earl W., (C-1, 4).
Burns.

Shipherd, Matie, (C-1).
Enid, *Okla.*

Shippy, Ada, (C-2).
Chapman.

Shires, Clark, (N-1).
Emporia.

Shires, Nellie, (N-3).
Emporia.

Shive, Clark, (N-1).
Galesburg.

Shore, Ethyl, (N-1).
Elk City.

Short, Wendell Reed, (1).
Emporia.

Shuey, Ethel Mary, (C-2).
Emporia.

Shuey, Ivan, (2).
Emporia.

Shuey, Ralph, (1).
Emporia.

Shuey, Ray L., (C-1).
Emporia.

Shupe, Clelia, (N-3).
Sitka.

Simpson, Chester, (1).
Emporia.

Simpson, Harold, (N-1).
Emporia.

Simpson, Kenneth, (2).
Emporia.

Simpson, Paul, (1).
Emporia.

Simmons, Fred, (N-1).
Waverly.

Sinclair, Crawford, (C-1).
Topeka.

Skaggs, Maude, (N-2).
Emporia.

Skinner, Carl, (C-2).
Burden.

Slater, Helen, (1).
Emporia.

Slead, Irma Belle, (N-2).
Lebo.

Sleisher, Emma, (4).
Emporia.

Sloan, Margaret, (N-1).
Independence.

Sloan, Nettie, (N-1).
Beloit.

Sloan, Thomas Walford, (1).
Utopia.

Slocum, Mrs. David, (4).
Emporia.

Slocum, Myrtle, (C-1).
Dodge City.

Slocum, Pearl, (C-1).
Dodge City.

Slough, Katherine, (N-3).
Quincy.

Sloyer, George, (N-3, 4).
Solomon.

Smiley, Pearl, (C-1).
Silver Lake.

Smiley, Verna, (C-1).
Silver Lake.

Smith, Ada, (N-3).
Monrovia.

UNDERGRADUATES.

Smith, Alfred, (N-1).
Canon City, *Colo.*

Smith, Alma, (1).
Emporia.

Smith, Beatrice, (N-3).
Wichita.

Smith, Edgar, (1).
Emporia.

Smith, Ellen, (C-1).
Iola.

Smith, Hazel, (C-1).
Emporia.

Smith, Helen M., (C-1).
Lincoln.

Smith, Howard, (1).
Emporia.

Smith, Ina, (N-2).
Kincaid.

Smith, Lida, (C-1).
Emporia.

Smith, Lottie C., (N-3).
Muskogee, *Okla.*

Smith, Maggie, (C-1).
Peru.

Smith, Manley, (1).
Emporia.

Smith, Marie, (1).
Emporia.

Smith, Marguerite, (N-1).
Dunlap.

Smith, Marjorie, (2).
Emporia.

Smith, Mary M., (N-3).
Natoma.

Smith, Myrtle, (N-1).
Wetmore.

Smith, Paul, (2).
Emporia.

Smith, Pearl, (C-1).
Galena.

Smith, Ralph H., (C-1).
Kincaid.

Smith, Spencer, (1).
Emporia.

Smith, Veda Lloyd, (N-3).
Marysville.

Smith, W. V., (N-1, 4).
Larned.

Sneed, Mrs. Mava, (N-3).
Sedan.

Snodgrass, Leota B., (N-3, 4).
Council Grove.

Snodgrass, Maude, (N-3).
Grenola.

Snyder, Cora, (4).
Minneola.

Snyder, Grace, (C-1).
Dodge City.

Snyder, Harold, (1).
Emporia.

Snyder, Lillie, (N-1).
Minneola.

Snyder, Lucy M., (N-3).
Emporia.

Sobke, Marguerite, (4).
Bushong.

Solt, Lowell, (N-1, 4).
Barnes.

Somers, Mae, (C-1, 4).
Altoona.

Sonnedecker, Arthur, (1).
Emporia.

Soper, Austin, (N-2).
Emporia.

Soper, Laura, (5).
Emporia.

Souders, Laura, (N-3).
Richland.

Soukup, Bessye F., (C-1).
Kanopolis.

Soukup, Helen, (N-1).
Kanopolis.

Southard, Hazel, (N-1, 4).
Emporia.

Southard, Jake, (2).
Emporia.

Sparks, Herman, (1).
Emporia.

Sparks, Sara, (N-3).
Westmoreland.

Speckman, Clara M., (C-2).
Emporia.

Speckman, Phoebe R., (N-1).
Emporia.

Spencer, Barclay, (N-1).
Emporia.

Spencer, C. W., (C-1).
Emporia.

Spencer, Edward D., (C-1).
Emporia.

Spencer, Ethel, (1).
Emporia.

Spencer, Eva, (1).
Emporia.

Spencer, Harlan, (1).
Emporia.

Spencer, Mary Dorothy, (C-2).
Emporia.

Spencer, Mrs. Nannie S., (N-3).
Mackay, *Idaho.*

Spielman, Glen, (2).
Emporia.

Sprague, Allen, (N-1).
Powhattan.

Sprague, Bessie, (C-1).
Spearville.

Sprague, Burtis L., (C-1).
Powhattan.

Sprague, Elizabeth, (1).
San Antonio, *Texas.*

UNDERGRADUATES.

Stafford, Bonzetta, (N-1).
Emporia.

Stafford, Ethel, (N-3).
Hiawatha.

Stahl, Erma, (N-3).
Spring Hill.

Standish, Myrtle, (C-1).
Garnett.

Stanley, Bennie, (N-1).
Urbana.

Standsbury, Edith, (N-3).
Osawatomie.

Starbeck, Katherine, (C-3).
Emporia.

Stark, Leonard, (N-1).
Elk City.

Stark, Marion, (N-3).
Elk City.

Stark, W. O., (N-4).
Elk City.

Steckel, Ida, (N-1).
Woodbine.

Steckel, M. Lena, (N-4).
Woodbine.

Steckel, Minnie, (C-2).
Woodbine.

Steckel, William M., (N-1).
Woodbine.

Steel, Robert, (N-3).
Hiattville.

Stenger, Barbara, (N-1, 4).
Wayne.

Stephens, Faye, (N-1).
Walnut.

Stephenson, Dora, (N-3).
Hazelton.

Stephenson, Edith, (N-2).
Emporia.

Stephenson, H. H., (N-3).
Fredonia.

Stephenson, Lucy, (C-1).
Emporia.

Stephenson, Susie, (C-1).
Hazelton.

Stevens, Maude F., (C-1).
Eureka.

Stevens, Nora K., (N-4).
Emporia.

Stevenson, Mabel B., (C-3).
Eskridge.

Steward, Mabel Edith, (2).
Emporia.

Stewart, Harold, (N-1).
Garnett.

Stewart, Harvey, (1).
Emporia.

Stewart, Leslie, (2).
Emporia.

Stewart, Mary, (N-1).
Admire.

Stiensmeyer, Florence, (N-3).
Leavenworth.

Stilwell, Helen, (C-1).
Eureka.

Stine, Ella, (N-3).
Syracuse.

Stivison, R. E., (C-1).
Lyndon.

Stockwell, Lottie, (N-3).
Paola.

Stolfus, Gertrude, (C-2).
Emporia.

Stolfus, Naomi, (4).
Emporia.

Stollar, Mabel, (5).
Pomona.

Stone, Grace, (N-3, 4).
Emporia.

Stone, Ruth, (C-2).
Topeka.

Stotler, Charm, (N-3).
Seward.

Stout, Elsie, (N-1, 4).
Emporia.

Stout, Hazel, (1).
Emporia.

Stout, Mary, (C-2, 4).
McLouth.

Stout, Mary Elizabeth, (N-2).
Hartford.

Stout, Nellie, (1).
Emporia.

Stowell, Mrs. Bessie, (N-3, 4).
Hutchinson.

Stowell, Mabel, (2).
Hutchinson.

Straight, Samuel G., (N-1).
Sedan.

Strain, Ethel, (N-4).
Osage City.

Straly, J. C., (C-4).
Emporia.

Strawman, Ethel Alice, (C-1, 4).
Emporia.

Strawman, Jennie, (7, 4).
Emporia.

Strawman, Mabel M., (C-1).
Emporia.

Strawman, Marjery, (4).
Emporia.

Strickland, Mary M., (N-3, 4).
Athol.

Strickler, Vera, (N-4).
Emporia.

Striegel, Grace, (N-3).
Burlington.

Striegel, Jessie V., (N-1).
Burlington.

Strode, Virgil, (N-2).
Iola.

UNDERGRADUATES.

Strong, Anna M., (C-1).
Emporia.

Strube, Agnes, (2).
Emporia.

Strube, Ernest, (1).
Emporia.

Strube, Eunice, (1).
Emporia.

Strube, Paul, (1).
Emporia.

Strutzer, Martha, (N-1).
Olpe.

Sturgis, Clara, (1).
Emporia.

Suddock, Linnie Mae, (C-2).
Emporia.

Suddock, Mabel Octavia, (2).
Emporia.

Summers, Alpha, (C-1).
Leonardville.

Sunter, Ethel, (N-3).
Wilsey.

Surbeck, Jean, (3).
Emporia.

Swan, F. Rosser, (C-1).
Kingfisher, *Okla.*

Swan, Mary C., (C-2, 4).
Emporia.

Swanson, Lillie, (N-3).
White City.

Swanson, Mabel J., (N-3).
White City.

Swearingen, Florence I., (N-3).
Lucas.

Swearingen, Lois Lorene, (1).
Emporia.

Swearingen, Virginia K., (1).
Emporia.

Sweeney, Nanelou, (C-1, 4).
Arkansas City.

Swenson, Carl, (N-3).
Little River.

Swenson, Martin A., (C-1).
Little River.

Switzer, Ethel G., (N-4).
Emporia.

Taft, Leona, (7).
Emporia.

Talmadge, Myrtle L., (C-1).
Hutchinson.

Tang, Harry, (C-2).
Emporia. (Canton, *China.*)

Tang, Wing, (1).
Emporia. (Canton, *China.*)

Tannehill, Goldie, (N-1).
Danville.

Tarr, Carl V., (C-1).
Paola.

Tarr, Mrs. M. L., (C-1).
Paola.

Tattershall, J. W., (N-1).
Summerfield.

Taylor, Alma L., (N-1).
Zeandale.

Taylor, Archie, (N-1).
Rose.

Taylor, Clive, (N-1).
Shaw.

Taylor, Earl, (1).
Emporia.

Taylor, Elizabeth, (N-4, 4).
Sedgwick.

Taylor, Frances L., (C-1, 4).
Topeka.

Taylor, Kate A., (C-2).
Emporia.

Taylor, Mrs. Margaret, (N-4).
Sterling.

Tennyson, Isla Beall, (C-2, 4).
Muskogee, *Okla.*

Thomas, Elizabeth, (N-1).
Emporia.

Thomas, Florence R., (N-3).
Soldier.

Thomas, Frances, (N-1).
Emporia.

Thomas, Harry, (N-1).
Fort Dodge.

Thomas, Jane E., (N-3).
Soldier.

Thomas, Laura, (C-1).
Oketo.

Thomas, Margaret H., (C-3).
Emporia.

Thomas, Nannie, (C-3, 4).
Emporia.

Thomas, O. H., (C-2).
Melvern.

Thomas, Ola M., (C-1).
Long Island.

Thomas, Ruby, (N-4).
Peru.

Thomas, Ruth, (N-2).
Emporia.

Thomas, William, (N-2).
Emporia.

Thompson, Elizabeth, (N-3).
Le Roy.

Thompson, Elsie, (C-1).
Paola.

Thompson, Merritt E., (N-3).
Independence.

Thompson, Nellie, (N-4).
Grenola.

Thompson, Roy H., (C-3).
Emporia.

Thompson, Velma, (N-1).
Gypsum.

Thompson, William R., (N-4).
Brownell.

UNDERGRADUATES.

Thomson, Harold, (N-1).
Emporia.

Thomson, James Dale, (2).
Emporia.

Throckmorton, Alice, (C-2).
Burlington.

Tilford, Claude E., (C-3).
Emporia.

Tilford, Mabel, (C-3).
Emporia.

Tilford, Mamie, (C-3).
Emporia.

Timmons, M. Maye, (N-3).
Onaga.

Tisdale, Ariel, (C-1).
Russell.

Todd, Bessie, (N-4).
Emporia.

Todd, Nellie, (N-1).
Emporia.

Tomlinson, John R., (N-3).
Moline.

Tomlinson, Rose, (N-1).
Bonner Springs.

Topping, Mary Louise, (C-1).
Cedar Point.

Torrence, Mary, (N-1).
Reading.

Totton, G. Wilbur, (N-3).
Medicine Lodge.

Townsend, Janie, (C-1).
Girard.

Trapet, Antonia, (N-1).
Emporia.

Travis, Ella F., (C-1).
Iola.

Traxler, E. C., (N-4).
Emporia.

Treadway, Arthur, (1).
Emporia.

Treadway, Erma, (N-1).
Emporia.

Treadway, Hazel, (4).
Emporia.

Tressler, Samuel, (2).
Emporia.

Triggs, Nellie, (N-1).
Emporia.

Triplett, Dorothy, (1).
Emporia.

Trotter, Elsie, (5).
Columbus.

Troutman, Marie, (N-1, 4).
Comiskey.

Troutman, Virginia, (C-4, 4).
Comiskey.

Trull, Mary, (C-1, 4).
Garden City.

Trumble, Harold, (2).
Emporia.

Trumble, Robert, (1).
Emporia.

Trusler, Williard, (2).
Emporia.

Trusler, Willis, (2).
Emporia.

Tucker, Robert, (N-1).
Boynton, *Okla.*

Tucker, Eulalia, (N-4).
Emporia.

Tucker, James B., (N-3).
Chase.

Tucker, Laura E., (N-3).
Pawhuska, *Okla.*

Tuhey, Dorothy, (1).
Emporia.

Turner, Herschel Roy, (C-4).
Hoxie.

Turner, Ray, (N-1).
Sedan.

Turner, Rosa E., (N-1).
Overbrook.

Tweedy, Oma F., (C-1).
Emporia.

Underwood, Janey, (C-2).
Atchison.

Unruh, Olga Frances, (C-1).
Larned.

Urmey, Charles, (1).
Emporia.

Urmey, Clara, (1).
Emporia.

Urquhart, Dollie, (N-3, 4).
Wamego.

Valyer, Arden, (N-1).
Allen.

Valyer, Earnest, (1).
Allen.

Valyer, Lois, (N-1).
Allen.

Van Campen, Harry E., (N-3).
Linn.

Vancell, Lottie May, (1).
Emporia.

Van Gilder, Carrie Mae, (C-1).
Webber.

Van Gundy, Ida, (N-3).
Neosho Rapids.

Van Hove, Matilda, (C-3).
Clay Center.

Van Nice, Fred, (N-3).
Richland.

Van Nice, Pearl, (N-4).
Richland.

Van Noy, Katheryn, (5).
Tribune.

Van Pelt, Lucy, (4).
Blue Mound.

Van Petten, Charles I., (N-3).
Washington.

UNDERGRADUATES.

Van Scoik, Roy, (N-4).
Aulne.

Van Scoik, W. H., (N-3, 4).
Aunle.

Vanverth, Rebecca, (N-1).
Baileyville.

Van Voris, Lucile, (1).
Emporia.

Van Voris, Rena, (1).
Emporia.

Vascalda, M. S., (N-1).
Rossville.

Vaughn, Agnes, (N-1).
Sharpe.

Vaughn, Beulah, (2).
Emporia.

Vaughn, Eugene Edward, (C-1).
Kansas City.

Venables, Mabel, (N-3).
Bellaire.

Vermillion, Cecil, (1).
Emporia.

Vernon, Harold M., (N-3).
St. Louis, *Mo.*

Vernon, Marie, (C-2).
Emporia.

Vestal, Wilfred A., (7).
Emporia.

Vickers, Olin, (1).
Pomona.

Vickers, W. A., (N-4).
Pomona.

Viets, Nellie B., (4).
Lawrence.

Vinson, Edward Dewey, (1).
Emporia.

Wachter, Mary, (1).
Emporia.

Wade, Lola, (C-2).
Chanute.

Wait, G. Ray, (C-1).
Penalosa.

Waldron, J. Harley, (C-1).
Louisburg.

Walker, E. A., (C-2).
Emporia.

Walker, Eva Marie, (N-4).
Arnett.

Walker, Hazle, (N-1).
Emporia.

Walker, Lois Myrtle, (N-3).
Mankato.

Walker, Martha, (1).
Emporia.

Walker, Minnie, (8).
Paola.

Walker, Mrs. Nellie Warren, (C-2).
Emporia.

Wallace, Elsie, (N-1).
Waverly.

Wallace, Harry D., (N-3).
Waverly.

Wallace, J. W., (N-3, 4).
Waverly.

Wallace, Ray, (N-4).
Emporia.

Wallace, Rose, (1).
Emporia.

Wallack, Martha, (N-4).
Jennings.

Walters, Fred C., (C-1).
Toronto.

Walters, Harry Joseph (N-1).
Earleton.

Walton, Zella, (1).
Emporia.

Ward, Vannie E., (N-2, 4).
Emporia.

Ward, Violet V., (N-4, 4).
Emporia.

Warren, Clinton Fisk, (N-3).
Emporia.

Warren, Eric, (4).
Scott City.

Warren, Imogen, (1).
Emporia.

Warren, J. M., (N-1).
Hiattville.

Warren, Marshall, (1).
Emporia.

Warren, Mary Emily, (1).
Emporia.

Warren, Sellick, (2).
Emporia.

Warren, William John, (C-3).
Emporia.

Washington, Mary, (C-1).
Lawrence.

Waterbury, William, (N-1).
Emporia.

Watkins, Evangeline, (1, 4).
Emporia.

Watkins, Fallis, (N-1).
Emporia.

Watkins, Gwendolyn, (1, 4).
Emporia.

Watkins, Isabel, (1).
Emporia.

Watkins, John, (4, 1).
Emporia.

Watkins, Santa Maria, (N-1).
Larned.

Watts, Anna, (N-1).
Council Grove.

Watts, Laura, (N-1).
Lawrence.

Watts, Myrtle, (N-2).
Burlington.

Waugh, Florence, (N-2).
Olivet.

UNDERGRADUATES.

Waugh, Inez, (N-1).
Olivet.

Waymire, Elsie, (N-3, 4).
Home.

Waymire, Grace, (N-3).
Home.

Weatherbee, Hazel, (N-1).
Emporia.

Weatherbee, Kenneth, (1).
Emporia.

Weatherbee, Maude, (N-1).
Emporia.

Weatherbee, Merle, (1).
Emporia.

Weatherbee, Paul, (1).
Emporia.

Webber, James, (N-1).
Okeene, *Okla.*

Webber, Stella, (N-1).
Okeene, *Okla.*

Weber, Charles, (N-2).
Waterville.

Wedell, Emilie, (C-1).
Hillsboro.

Wedell, Hugo, (C-1).
Hillsboro.

Weesner, Eugenia, (1).
Emporia.

Weede, Bessie, (C-1).
Summerfield.

Weede, Kittie I., (C-1, 4).
Summerfield.

Weeks, Clara A., (N-1).
Wichita.

Weigand Margaret, (C-1).
Burlington.

Weil, Ella, (N-2).
Overbrook.

Weinmann, Mattie, (C-1).
Atchison.

Weir, Annie, (C-1).
Topeka.

Weishaar, Ella, (C-1).
Nortonville.

Welch, Kenneth, (4, 1).
Emporia.

Welch, Marion, (4, 1).
Emporia.

Welden, Ethel, (N-1).
Plevna.

Wells, Della, (N-1, 4).
Emporia.

Wells, Donald, (1).
Emporia.

Wells, Ernest W., (N-3, 4).
Emporia.

Wells, Mrs. Louella, (N-4, 4).
Emporia.

Wells, Nellie, (1).
Emporia.

Wells, Oce, (4).
Emporia.

Wenzl, Bennett, (1).
Emporia.

Werner, Ruth, (C-1).
Alden.

West, Jessie A., (N-3).
Uniontown.

Weyler, Bonnie, (N-3).
Emporia.

Whetherholt, Rosa, (N-3).
Cedar Point.

Whipple, George G., (N-3).
Emporia.

Whitaker, Clark, (N-4).
Emporia.

Whitaker, F. J., (N-4).
Soldier.

Whitby, Blodwin, (C-3).
Emporia.

Whitby, Lillian, (C-3).
Emporia.

Whitcraft, George C., (C-1).
Holton.

White, Carl, (N-1).
Emporia.

White, Catherine, (C-2).
Clay Center.

White, Dollie, (N-3).
Moline.

White, Florence, (N-1).
Castleton.

White, Fred, (N-3, 4).
Toronto.

White, Katheryn, (N-3).
Castleton.

White, Orpha Belle, (N-4).
Clements.

White, W. P., (C-1).
Le Roy.

Whitehead, Sadie E., (4).
Emporia.

Whitehouse, Maude E., (C-1).
Eskridge.

Whitely, Ernest, (1).
Emporia.

Whitely, Otis, (1).
Emporia.

Whiteside, Orabelle, (C-1).
White Cloud.

Whitney, Evalyn, (N-1).
Colony.

Whitney, Frank Ivan, (N-4).
Emporia.

Whitney, Pauline, (N-1).
Reading.

Whittemore, Bertha May, (N-1).
Emporia.

Whittemore, Carrie, (N-1).
Emporia.

UNDERGRADUATES.

Whyler, Anna M., (N-3).
Valley Falls.

Widich, Irene, (4).
Emporia.

Widner, Guy, (C-1).
Bradford.

Wiggam, Winifred, (4, 1).
Emporia.

Wiggs, Ana G., (C-3).
Lebanon.

Wiggs, Bessie May, (C-1).
Lebanon.

Wilcox, Christine, (4).
Emporia.

Wilcoxson, Myrtle, (C-2).
Emporia.

Wiley, Beulah B., (N-3).
Olathe.

Wilkins, Fannie, (3).
Seneca.

Wilks, Bessie, (1).
Emporia.

Wilks, Eva, (1).
Emporia.

Wilks, Gladys, (2).
Emporia.

Wilks, Lloyd, (1).
Emporia.

Wilks, Mabel, (1).
Emporia.

Williams, Bessie Elsie Mae, (N-3).
Russell Springs.

Williams, Capy, (N-1, 4).
Emporia.

Williams, Carrie G., (C-3).
Emporia.

Williams, Carrie M., (N-3).
White City.

Williams, Curtis T., (C-2).
Emporia.

Williams, Dolphus, (C-1).
Langdon.

Williams, Elizabeth, (C-1).
Emporia.

Williams, Frank T., (C-1).
Medicine Lodge.

Williams, Joshua D., (1).
Emporia.

Williams, Laura, (N-1, 4).
Fairmount.

Williams, Matilda, (N-4).
Winfield.

Williams, Muriel E., (C-3).
Emporia.

Williams, L. Myrtle, (N-3).
Bucklin.

Williams, Nellie B., (4).
Plymouth.

Williams, Stella J., (N-1).
Paola.

Williams, Verbena, (N-2).
Emporia.

Williamson, Callie, (N-1).
Dunlap.

Williamson, Verdie, (N-1).
Dunlap.

Willis, Robert, (N-3).
Eureka.

Willis, W. R., (8).
Erie.

Wills, Myrtle, (C-2, 4).
Emporia.

Willson, Altie Lester, (C-1).
Garnett.

Willson, Dee, (N-1).
Garnett.

Willson, Katie, (N-1).
Garnett.

Wilmore, Myrtle, (1, 4).
Emporia.

Wilson, Marie, (N-1).
Emporia.

Wilson, Molly, (N-1).
Emporia.

Wimer, A. Olan, (N-3).
Dresden.

Wims, Keziah, (C-1).
Topeka.

Winston, J. C., (C-2).
Lawrence.

Wishard, Opal, (N-3).
Emporia.

Wishard, Ula, (N-1).
Emporia.

Wismeyer, Clarence, (1).
Emporia.

Withers, Mrs. R. M., (4).
Kansas City, *Mo.*

Witherspoon, Ernest, (N-1).
Emporia.

Woerner, Mary Edna, (4).
Topeka.

Wolfe, Ella, (N-1).
Emporia.

Wolfe, Esther, (C-2).
Salina.

Wolfe, Laura, (4).
Lyndon.

Wood, Frank, (1).
Emporia.

Wood, Grace M., (4).
Reading.

Wood, Myrtle Marcia, (4).
Emporia.

Wood, W. A., (N-4).
Bluford, *Ill.*

Woodbury, Howard, (4).
Emporia.

Woodman, Gladys, (C-1).
Vermilion.

UNDERGRADUATES.

Woods, Hattie, (8).
Kincaid.
Woods, Myrtle V., (N-3).
Denton, *Tex.*
Woods, William P., (C-3).
Kincaid.
Woodworth, Jessica, (C-1).
Tecumseh.
Wooster, David T., (C-1).
Emporia.
Wooster, Ruth Ellen, (C-3).
Emporia.
Worcester, Martha Johanna, (C-2).
Hill City.
Workman, Lawrence, (1).
Emporia.
Workman, Lillian, (4).
Emporia.
Worswick, Jessie, (N-3).
Williamstown.
Wren, Everett, (C-1).
Kincaid.
Wren, Eva, (C-2).
Kincaid.
Wrench, George, (1).
Emporia.
Wright, Edna, (1).
Emporia.
Wright, Florence, (N-1).
Le Roy.
Wright, Hiram, (1).
Emporia.
Wright, Imogene, (N-1).
Emporia.
Wright, Jessie, (C-1).
Osawatomie.
Wright, Kenneth, (1).
Emporia.
Wright, Mary E., (C-3).
Newton.
Wynkoop, Virgie, (N-3).
Emporia.
Yeager, Guy E., (N-1).
Great Bend.
Yearout, Ada, (N-1).
Dunlap.
Yenzer, Edith, (N-1).
Saffordville.
Yokum, Verda, (N-2).
Welda.
Young, Chrystal Ruth, (N-1, 4).
Savonburg.
Young, Eva, (N-1, 4).
Bushong.
Young, Hazel, (N-1, 4).
Savonburg.
Zavodsky, Elmer E., (N-4).
Cuba.

The following pupils were enrolled in the Model Rural School held in district 53, Lyon county:

Austinfeld, Elnora.
Austinfeld, Robert.
Blackburn, Bertha.
Blackburn, Elma.
Blackburn, Ida.
Blackburn, Inez.
Brown, Fred.
Brown, Hazel.
Brown, Jennie.
Brown, Robert.
Collins, Edwin.
Collins, Willie.
Davis, Maud.
Dryden, Grace.
Ebberle, Adolph.
Ebberle, Carl.
Ebberle, Henry.
Ebberle, Minnie.
Marthaler, Frank.
Price, Charlie.
Ramsburg, Armstead.
Ramsburg, Robert.
Rich, Gladys.
Rich, Wanda.
Richabaugh, Gerald.
Richabaugh, Margaret.
Richabaugh, Mary.
Richabaugh, Ruth.
Richter, Helen.
Riddle, Arthur.
Riddle, Mable.
Shaw, Everett.
Smith, Cecil.
Thomas, Teddy.
Walker, Bertha.
Walker, Hazel.
Weaver, Leona.

The following were enrolled in the Normal Training Institute, July 12 to 22, 1910:

Baker, Pearl M.
Henryetta, *Okla.*

Barnett, M. T.
Oberlin.

Bower, Katherine Maxwell.
Parsons.

Brogan, Anna H.
Hartford.

Brooks, Charles H.
Columbus.

Brown, G. A.
Eskridge.

Brown, G. E.
Garden City.

Bushey, A. H.
Pittsburg.

Campbell, Cora.
Junction City.

Campbell, Theodosia.
Junction City.

Carpenter, Nellie.
Paola.

Carrithers, Mrs. Lulu.
Anthony.

Catlett, M. L.
Coulmbus.

Clymer, Edna.
Pratt.

Curtis, E. P.
Salina.

Davis, Winifred.
Emporia.

Daily, Ben W.
Burrton.

Deardorff, C. A.
Burlingame.

Dice, S. D.
Council Grove.

Dudley, Mary J.
Medicine Lodge.

Dumond, Edward J.
Garden City.

Edgerton, T. A.
Lyons.

Ehmke, Katharine.
Dighton.

Fallis, Erma.
Dighton.

Farrar, R. K.
Colby.

Forney, Rebecca.
Santa Fe.

Fowler, John J.
Eldora, *Iowa.*

Funk, J. Calvin.
Hillsboro.

Gift, E. B.
Alma.

Goddard, Annie.
Dunavant.

Grubbs, O. F.
Neodesha.

Hagy, F. S.
Norwich.

Hambleton, C. S.
Troy.

Hall, L. J.
Newton.

Hanna, H. J.
Waverly.

Heck, P. N.
Belle Plaine.

Hensley, Bert.
Emporia.

Hopkins, Annie P.
Hays.

Howard, May Belle.
Emporia.

Hughes, John F.
Fort Scott.

Humes, Maurice.
Independence.

Jackson, E. H.
Kansas City.

Jaggard, Guy H.
Marquette.

Jones, A. J.
Yates Center.

Jones, William I.
Emporia.

Kaiser, Mrs. A. A.
Carlsbad, *N. M.*

Kirkpatrick, M. G.
Frankfort.

Kyser, W. M.
Altamont.

McGuffey, Verne.
Kincaid.

McKean, H. W.
Kansas City.

Major, D. W.
Medicine Lodge.

Maris, Mary A.
Lawrence.

Maxwell, J. J.
Kansas City.

Metzler, Le Roy.
Burlington.

Neely, A. J.
Kansas City.

Oman, C. H.
Garnett.

Otis, Mrs. Margaret M.
Dunavant.

Park, Josie E.
Fredonia.

Pickens, Minnie L.
Lawrence.

Rarick, C. E.
Stockton.

Ray, James A.
Marion.

Rice, Myrtle E.
Marion.

Routt, Maggie.
Paola.

Runnels, L. S.
Scott City.

St. John, C. E.
Marion.

Senter, A. F.
Great Bend.

Sheets, Lena.
Marion.

Snoddy, George S.
Emporia.

Stone, Rosalie Rachel.
Walton.

Stockwell, Lottie.
Paola.

Sutherland, Annah G.
Colony.

Taylor, Louise A.
Olathe.

Torrence, Onah.
Axtell.

Tracy, Frank D.
Kansas City.

Van Hove, Bertha.
Clay Center.

Venard, May.
Ness City.

Wetzig, Hannah.
Manhattan.

White, Della M.
Winfield.

Williams, Mary K.
Lyndon.

Woodside, Mariam.
Yates Center.

Wright, Frank L.
Bronson.

Yeomans, C. A.
Halstead.

Kansas Counties Represented.

The following-named counties—ninety-seven in all—were represented during the past year. As younger children make up the classes in the primary and intermediate departments of the Model School, the pupils listed there are largely from Emporia or from the immediate vicinity. Many pupils who are enrolled as from Emporia belong to families residing here temporarily for the purpose of educating their children.

Allen	28	Greeley	1	Osage	49
Anderson	45	Greenwood	42	Osborne	7
Atchison	18	Hamilton	1	Ottawa	3
Barber	16	Harper	13	Pawnee	7
Barton	7	Harvey	10	Phillips	11
Bourbon	27	Haskell	4	Pottawatomie	16
Brown	21	Hodgeman	2	Pratt	16
Butler	36	Jackson	19	Rawlins	1
Chase	13	Jefferson	32	Reno	32
Chautauqua	23	Jewell	12	Republic	12
Cherokee	3	Johnson	8	Rice	14
Clark	5	Kearny	3	Riley	11
Clay	13	Kingman	10	Rooks	8
Cloud	10	Kiowa	2	Rush	6
Coffey	62	Labette	6	Russell	13
Comanche	3	Lane	5	Saline	13
Cowley	12	Leavenworth	18	Sedgwick	10
Crawford	16	Lincoln	17	Shawnee	41
Decatur	7	Linn	18	Sheridan	4
Dickinson	15	Logan	2	Smith	14
Doniphan	8	Lyon	1,084	Stafford	9
Douglas	21	McPherson	9	Sumner	18
Edwards	3	Marion	43	Thomas	2
Elk	29	Marshall	28	Trego	2
Ellis	4	Meade	4	Wabaunsee	26
Ellsworth	4	Miami	51	Wallace	1
Finney	9	Mitchell	8	Washington	33
Ford	17	Montgomery	30	Wichita	2
Franklin	27	Morris	52	Wilson	30
Geary	9	Nemaha	16	Woodson	21
Gove	5	Ness	2	Wyandotte	15
Graham	5	Neosho	56		
Grant	9	Norton	9	Total	2,584
Gray	10				

FROM OUTSIDE OF KANSAS.

California	1	Iowa	4	New Mexico	1
China	1	Kentucky	1	Oklahoma	27
Colorado	3	Japan	1	Texas	5
Germany	1	Missouri	6		
Idaho	1	Nebraska	1	Total	55
Illinois	1	Nevada	1	Grand total	2,639

Summary of Attendance.

Graduates		160
Four-year College course	14	
Two-year College course	126	
Music	12	
Piano	6	
Voice	4	
Violin	2	
Kindergarten	9	
Repetition	1	
Undergraduates:		
First-year Normal		479
Second-year Normal		87
Third-year Normal		422
Fourth-year Normal		195
First-year College		477
Second-year College		114
Third-year College		78
Fourth-year College		13
Kindergarten training		13
Irregular		35
Training School		412
Kindergarten	80	
Grades 1 to 8	297	
Model Rural School	37	
Music		345
In absentia		13
Commercial		6
Library		4
Total		2,859
Repetitions		220
Total for the year		2,639

Vol. I NEW SERIES No. 1

KANSAS STATE NORMAL SCHOOL

EMPORIA

General Catalogue, 1911-'12

with

Announcements for 1912-'13

STATE PRINTING OFFICE
TOPEKA, JUNE, 1912

4-2780

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Board of Regents.

TERM EXPIRES IN 1913.

W. B. HAM	STOCKTON.
SHEFFIELD INGALLS	ATCHISON.
GEORGE E. TUCKER	EUREKA.

TERM EXPIRES IN 1915.

H. W. GRASS	LA CROSSE.
CHARLES LANDER	LINDSBORG.
FRANK McIVOR	HOXIE.

OFFICERS OF THE BOARD.

GEORGE E. TUCKER	*Fresident.*
CHARLES LANDER	*Vice President.*
FRANK McIVOR	*Secretary.*

1912.

JULY.

S	M	T	W	T	F	S
..	1	2	3	4	5	6
7	8	9	10	11	12	13
14	15	16	17	18	19	20
21	22	23	24	25	26	27
28	29	30	31	..	..	..
..	..	..	..	..	..	..

AUGUST.

S	M	T	W	T	F	S
..	..	..	..	..	1	2
3	4	5	6	7	8	9
10	11	12	13	14	15	16
17	18	19	20	21	22	23
24	25	26	27	28	29	30
31	..	..	..	..	..	..

SEPTEMBER.

S	M	T	W	T	F	S
1	2	3	4	5	6	7
8	9	10	11	12	13	14
15	16	17	18	19	20	21
22	23	24	25	26	27	28
29	30	..	..	..	..	..
..	..	..	..	..	..	..

OCTOBER.

S	M	T	W	T	F	S
..	..	1	2	3	4	5
6	7	8	9	10	11	12
13	14	15	16	17	18	19
20	21	22	23	24	25	26
27	28	29	30	31	..	..
..	..	..	..	..	..	..

NOVEMBER.

S	M	T	W	T	F	S
..	..	..	..	..	1	2
3	4	5	6	7	8	9
10	11	12	13	14	15	16
17	18	19	20	21	22	23
24	25	26	27	28	29	30
..	..	..	..	..	..	..

DECEMBER.

S	M	T	W	T	F	S
1	2	3	4	5	6	7
8	9	10	11	12	13	14
15	16	17	18	19	20	21
22	23	24	25	26	27	28
29	30	31	..	..	..	..
..	..	..	..	..	..	..

1913.

JANUARY.

S	M	T	W	T	F	S
..	..	..	1	2	3	4
5	6	7	8	9	10	11
12	13	14	15	16	17	18
19	20	21	22	23	24	25
26	27	28	29	30	31	..
..	..	..	..	..	..	..

FEBRUARY.

S	M	T	W	T	F	S
..	..	..	..	..	..	1
2	3	4	5	6	7	8
9	10	11	12	13	14	15
16	17	18	19	20	21	22
23	24	25	26	27	28	..
..	..	..	..	..	..	..

MARCH.

S	M	T	W	T	F	S
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School Calendar, 1912-1913.

1912.

June 6	Thursday.....Opening of Summer Term
June 7-8	Friday-Saturday.....County Teachers' Examinations
July 4	Thursday.....Holiday
July 16-26	Tuesday-Friday.....State-wide Institute
July 26-27	Friday-Saturday.....County Teachers' Examinations
Aug. 1	Thursday.....Close of Summer Term
Aug. 29-31	Thursday-Saturday..Registration of Students for the September-January Semester.
Sept. 3	Tuesday....Opening of September-January Semester
Oct. 25-26	Friday-Saturday.....County Teachers' Examinations
Nov. 28-29	Thursday-Friday.....Thanksgiving Vacation
Dec. 20	Friday, 6:00 P. M..Close of School for Holiday Recess

1913.

Jan. 6	Monday, 8:00 A. M.....Reopening of School
Jan. 21-23	Monday-Wednesday..Registration of Students for the February-May Semester.
Jan. 24	Thursday.....Close of September-January Semester
Jan. 27	Monday.....Opening of February-May Semester
Jan. 31 Feb. 1	Friday Saturday } .....County Teachers' Examinations
Feb. 15	Saturday.....Founders' Day Exercises
Mar. 20-22	Thursday-Saturday..Registration of Students for the April-August Semester.
Mar. 31	Monday.....Opening of April-August Semester
May 26-28	Monday-Wednesday..Registration of Students for the Summer Term.
May 29	Thursday.....Close of February-May Semester
May 30	Friday.....Holiday
May 30	Friday, 8:00 P. M.....German Play
May 31	Saturday, 8:00 P. M...Commencement Exercises Secondary School.
June 1	Sunday, 11:00 A. M.....Baccalaureate Service
June 2	Monday, Senior Day, 8:00 P. M.....Senior Class Play
June 3	Tuesday, Alumni Day, { 3:00 P. M., Alumni Business Meeting and Reception. 8:30 P. M., Graduation Concert, Department of Music.
June 4	Wednesday.. { 9:30 A. M., Commencement Exercises 12:00 M.....Alumni Dinner
June 5	Thursday..... .....Opening of Summer Term

Contents.

	page
Board of Regents	ii
School Calendar for 1912-'13	iii, iv
Officers of Instruction and Administration	1–12
The General Faculty	1
Officers of Administration	9
Lecturers, State-wide Institute	10
Student Assistants	12
Faculty Addresses	13
GENERAL INFORMATION	15–37
Historical Statement	17
Purposes of the School	17
Location	18
Buildings, Grounds and Equipment	18
Periodicals and Newspapers	31
Certificates and Diplomas	25
The School Year	23
Examinations	24
Number of Hours of Work	24
Irregular Students	22
Fees	21
Board and Rooms	23
The Teachers' Appointment Bureau	29
Lectures and Entertainments	28
Summer School	35
Students' Loan Fund	35
Chapel Exercises	36
Music	36
Student Organizations	36
THE COLLEGE	39–123
The College Faculty	41
Registration and Enrollment	42
Admission	43
College Credit	45
Major	45
Three-year State Certificate	44
Life Certificate	44
Degree	44

THE COLLEGE—*concluded:* *page*
Certificates for Special Proficiency 43
Courses of Study 46
Courses in Special Methods 46
Student Faculty Council 45
Outlines of Instruction—
Arts 48
Biological Sciences 55
Commerce 63
English 66
Geography 69
American History 71
European History 74
Economics and Sociology 77
Political Science 79
Latin 80
Library Science 82
Modern Languages 86
Mathematics 84
General Pedagogy Group:
Psychology and Philosophy 90
School Administration and Supervision 93
History of Education 96
Philosophy of Education 98
Practice Teaching 99
Kindergarten 101
Physical Sciences:
Chemistry 104
Physics 105
Physical Training 107
Public School Music 115
Speech Arts 119

THE SECONDARY SCHOOL 125–165
The Secondary School Faculty 127
Registration and Enrollment 127
Courses of Study 130
Graduation 128
One-year State Certificate 134
School Clubs 128
Social Privileges 129
Outlines of Instruction—
Agriculture 135
Botany 136
Chemistry 136
Commerce 136
Drawing 139

THE SECONDARY SCHOOL—*concluded:*
Outlines of Instruction— *page*
English 139
Geography 143
Government and Economics 144
American History 145
European History 147
Home Economics 147
Latin 149
Manual Training 150
Mathematics 153
Modern Languages 155
Music 157
Physical Training 158
Physics 162
Physiology 163
Psychology 163
Reading 164
School Administration 164

THE TRAINING SCHOOL 167–188
The Training School Faculty 169
General Statement 169
Outlines of Instruction—
Reading 170
Nature Study, Language and Grammar 171
Spelling 174
Geography 174
History 176
Civil Government 177
Numbers 178
Arithmetic 179
Nature Study 181
Physiology 182
Music 183
Handwork and Art 184
Manual Training 185
Domestic Science and Art 186
Physical Training 188

Music Department 191–203

Register of Students 205–256

Kansas Counties Represented 257

Summary of Attendance 258

MAIN BUILDING.

OFFICERS OF INSTRUCTION AND ADMINISTRATION.

OFFICERS OF INSTRUCTION.

JOSEPH H. HILL, A. M., D. D., LL. D. (Kansas State Normal School and Northwestern University.) *President.*

JOHN H. GLOTFELTER, Pd. D. (Illinois Normal University.) *Vice President and Director of the Training School.*

THOMAS MEDARY IDEN, Ph. M. (Butler University, Harvard University, University of Chicago, and University of Berlin.) *Professor of Chemistry.*

FISKE ALLEN,[4] A. B., M. A. (Indiana State Normal School, Indiana University; Teachers' College, Columbia University.) *Professor of Mathematics.*

FRANK A. BEACH, B. L. (University of Michigan, Syracuse University School of Music, Juliani School of Opera, Paris.) *Professor of Public-school Music, Voice Culture and Chorus.*

H. H. BRAUCHER,[1] B. S. (University of Illinois.) *Professor of Manual Training.*

GERTRUDE BUCK,[1] B. L. S. (Wisconsin State Normal School, Wisconsin University, Illinois State Library School.) *Professor of Library Science.*

LOTTIE E. CRARY, A. B. (Kansas State Normal School.) *Professor of Botany.*

H. M. CULTER. (Kansas State Normal School, Shurtleff College.) *Professor of Rural School Administration.*

EXPLANATION OF REFERENCE FIGURES.

1. Absent on leave, summer, 1911.
2. Absent on leave, 1911-'12.
3. Summer term, 1911.
4. From September, 1911.
5. From October, 1911.
6. Resigned August, 1911.
7. From June, 1911.
8. Spring term, 1912.
9. Absent on leave, Sept. to April.
10. From March, 1912.
11. Absent on leave, Nov. to Jan.
12. Resigned February, 1912.
13. From November, 1911.
14. Resigned March, 1912.

LILLIAN DUDLEY.[9] (Kansas State Normal School, University of Kansas, University of Berlin.) *Professor of Modern Languages.*

G. W. ELLIS A. B., A. M. (Hamilton College, University of Chicago.) *Associated Professor of Mathematics.*

D. A. ELLSWORTH.[1] (Kansas Normal College.) *Professor of Geography.*

EMMA L. GRIDLEY. (Kansas State Normal School, Massachusetts Normal Art School.) *Professor of Drawing.*

HENRY D. GUELICH, A. B., Mus. B., Mus. Doc. (Northwestern College, Grand Conservatory of Music, New York, Virgil Clavier School, Harvard University.) *Director of Music Department and Professor of the Theory and History of Music.*

ERNEST G. HESSER.[7] (Ohio Wesleyan University, Royal Academy of Music, London; New School of Methods, Chicago; Pupil of Dr. Carl Dufft, New York; William Shakespeare, London; Isadore Luckstone, Paris.) *Professor of Public School Music and Voice Culture.*

CHARLES E. HILL,[1] A. B., A. M. (Jewell Lutheran College, University of Michigan.) *Professor of Political Science.*

W. L. HOLTZ,[11] A. B. (Baker University, Drake University, University of Chicago.) *Professor of Latin.*

JAMES RALPH JEWELL, A. B., M. A., Ph. D. (Coe College, and Clark University.) *Professor of Secondary Education.*

M. LOUISE JONES,[6] A. M. (University of Michigan.) *Professor of English.*

WILLIS H. KERR, A. B., A. M. (Bellevue College, Nebraska; Columbia University; Edinburgh University, Scotland.) *Professor of Library Science.*

W. G. LEWIS, Pd. B., B. S. (Ypsilanti, Michigan Normal College, Columbia University.) *Professor of Physics.*

EVA MCNALLY,[1] B. L., Ph. B., M. L.. Ph. D. (Kansas State Normal School, Lincoln College, University of Wisconsin, University of Chicago, Trueblood's School of Oratory.) *Professor of Rhetoric.*

CAROLINE M. MEDDERS.[4] (School of Expression, Boston; The Bard-Avon School of Expression, Baltimore; Boston University; Chicago School of Physical Education and Expression.) *Professor of Speech Arts.*

BETH WARNER MULL. (Kansas State Normal School, University of Illinois.) *Professor of Home Economics.*

L. A. PARKE, LL. B. (State Normal School, Mansfield, Pa.; University of Kansas.) *Professor of Commerce.*

E. L. PAYNE,[6] B. P., B. L., M. S. (Kansas State Normal School, Lincoln University, and College of Emporia.) *Professor of Mathematics.*

EDGAR F. RILEY, A. B., Ph. D. (Baker University, and University of Chicago.) *Professor of School Administration.*

ROWLAND HENRY RITCHIE, Ph. B. (State University of North Dakota, Northwestern University.) *Professor of Speech Arts.*

P. B. SAMSON,[2] B. P. E., M. Di. (Iowa State Normal School and International Y. M. C. A. Training School.) *Director of Physical Training for Men.*

WALTER R. SMITH, A. M., Ph. D. (Missouri Valley College, University of Chicago, Harvard University.) *Professor of Sociology and Economics.*

A. MONROE STOWE, Ph. B., A. M., Ph. D. (Northwestern University, Harvard University, Teachers' College, Columbia University.) *Professor of History and Philosophy of Education.*

MIRIAM THAYER,[1] A. B. (Wellsley College, Sargent School of Physical Education, Harvard University, Emerson College of Oratory.) *Director of Physical Training for Women.*

A. W. TRETTIEN,[3] B. L., Ph. D. (University of Wisconsin, Clark University.) *Professor of Psychology and Philosophy.*

NORMAN TRIPLETT, A. B., A. M., Ph. D. (Illinois College, Indiana University, Clark University.) *Professor of Psychology and Philosophy.*

FRANK W. WHITE,[4] M. D. (Tufts College Medical School, Boston; Harvard University School of Physical Education.) *Professor of Physical Training for Men.*

MARY A. WHITNEY,[1] A. B. (Kansas State Normal School, Michigan University.) *Professor of American History.*

PELAGIUS WILLIAMS, A. B., A. M. (College of Emporia, University of Chicago, Columbia University.) *Professor of European History.*

LYMAN C. WOOSTER,[1] Ph. D., F. A. A. A. S. (Wisconsin State Normal School, Beloit College, Yale University.) *Professor of Zoölogy and Geology.*

FRANK U. G. AGRELIUS,[1] A. B., A. M. (Kansas State Normal School, and University of Kansas.) *Instructor in Botany and Bacteriology.*

LOUISE M. ALDER,[4] A. B., A. M., (University of Kansas, Chicago Kindergarten College, Teachers' College, Columbia University.) *Instructor in Kindergarten.*

BEULAH H. ALTMAN,[3] B. A. (College of Emporia, University of Berlin, University of Chicago.) *Instructor in German.*

CHARLES E. ARMSTRONG,[5] B. A. (Oklahoma University, Kingfisher College, University of Kansas, Yale University.) *Assistant Instructor in Physical Training.*

JANE K. ATWOOD,[1] A. B. (Chicago Normal School, University of Chicago.) *Instructor in Geography in the Secondary School.*

IRA P. BALDWIN,[6] Ph. B., A. M. (Indiana State Normal School, Wabash College, and Indiana University.) *Instructor in Mathematics.*

E. T. BARTHOLOMEW,[14] A. B. (Kansas State Normal School, University of Wisconsin.) *Instructor in Botany and Agriculture in the Secondary School.*

F. S. BECKMAN.[3] (Stout Institute, Bradley Polytechnic Institute.) *Instructor in Manual Training.*

F. L. BLACK,[7] A. B., A. M. (Christian University, University of Missouri, University of Chicago.) *Instructor in Latin in the Secondary School.*

MILDRED BOOMHOWER.[1] (Potsdam State Normal School, New York.) *Instructor in Public School Music.*

D. HORTENSE BROOKOVER,[1] A. B. (University of Kansas, University of Chicago, University of Colorado, University of Berlin.) *Instructor in German in the Secondary School.*

VAN W. BURRIS, A. B. (Wisconsin State Normal School, Platteville; Oberlin College; Columbia University.) *Instructor in Methods in the Training School.*

FLORENCE CROSS. (Pupil of Katharine C. Linn, New York City, Moritz Moscowski, Paris, Paul Viardot, Paris.) *Instructor in Piano.*

D. SOPHIA DONICA, A. B. (Kansas State Normal School, Columbia College of Expression.) *Instructor in English in the Secondary School.*

U. G. DUBACH, A. B. (Indiana University, Harvard University.) *Instructor in Government.*

DANNETTA M. ECKDALL. (School of Design, Pittsburg, Pa.; Art Students' League, New York; William Chase's School, New York; Chautauqua Arts and Crafts, Chautauqua, N. Y.) *Instructor in Drawing.*

GERTRUDE FLINN. (Kansas State Normal School, Stout Institute.) *Instructor in Home Economics.*

MARCELLUS GRADY. *Instructor in Band Instruments.*

F. H. HARRIN,[3] A. B., A. M. (Kansas State Normal School, Teachers' College, Columbia University.) *Instructor in American History in the Secondary School.*

EMILY K. HOELCEL.[3] (Kansas State Normal School.) *Instructor in Model Rural School.*

ARAMINTA HOLMAN.[3] (Kansas State Normal School.) *Instructor in Drawing.*

FRED L. HONHART, B. P. E. (Pennsylvania State College, Springfield Training School.) *Instructor in Athletics.*

JULIA S. HUTCHINS.[3] (Sargent School of Physical Education, Childrens Hospital, Boston.) *Instructor in Physical Training.*

BERNICE E. JOHNSON.[4] (Sargent School of Physical Education, Milwaukee-Downer College.) *Instructor in Physical Training.*

W. H. KELLER,[1] A. B. (Kansas State Normal School, University of Chicago.) *Instructor in Mathematics in the Secondary School.*

ELEANOR H. KITCHEN. (Sargent's School of Physical Training.) *Instructor in Physical Training in the Secondary School.*

A. L. LANGMAS,[3] A. B. (University of Wisconsin.) *Instructor in Commerce.*

CHARLOTTE LEWIS, A. B. (Kansas State Normal School.) *Instructor in Physical Training.*

ELISE MADDUX.[6] (Chicago Froebel Association Training School.) *Instructor in Kindergarten.*

CELIA I. MANNING.[1] (Ferris Institute, Big Rapids, Mich.; State Normal School, Mt. Pleasant, Mich.) *Instructor in Commerce in the Secondary School.*

MAUDE E. MINROW, A. B. (Kansas State Normal School, University of Chicago.) *Instructor in American History in the Secondary School.*

V. H. MOON,[3] A. B., M. D. (Friends' University; Medical School, University of Kansas; Kansas State Normal School; University of Chicago.) *Instructor in Physiology.*

D. W. MORIARTY,[3] A. M., Ph. D. (University of Michigan.) *Instructor in English.*

KATHERINE MORRISON.[1] (Kansas State Normal School, Teachers' College, Columbia University.) *Instructor in Drawing in the Secondary School.*

LURA VIRGINIA MUIR. (Oberlin Conservatory, Sherwood Music School, Chicago; Pupil of August Spanuth, and Rudolph Ganz, Berlin.) *Instructor in Piano.*

ANNABELL NEWTON, B. L., A. B., A. M. (Ohio Wesleyan University, University of Michigan, University of Chicago.) *Instructor in English in the Secondary School.*

EMMA C. OSTLUND, A. B. (Kansas State Normal School.) *Instructor in German in the Secondary School.*

CHAS. R. PHIPPS,[7] B. S. (Eastern Illinois State Normal School, University of Illinois.) *Instructor in Agriculture in the Secondary School.*

ALICE S. PORTER,[3] A. B. (University of Chicago.) *Instructor in Drawing.*

GEORGIA RENEAU,[4] Ph. B., Ph. M. (Kansas State Normal School, University of Chicago.) *Instructor in English in the Secondary School.*

MABEL RHODES. (Kansas State Normal School; Bush Temple Conservatory, Chicago.) *Instructor in Piano.*

BERENICE RICE, Mus. B. (State University, Oklahoma, School of Fine Arts; Pupil of Fanny Bloomfield Zeisler, Chicago; Paul Goldschmidt, Berlin.) *Instructor in Piano and Theory of Music.*

CARL W. SALSER,[4] A. B. (Kansas State Normal School.) *Instructor in Government and American History in the Secondary School.*

MARY D. SCHMALZRIED,[3] A. B. (Kansas State Normal School, University of Kansas.) *Instructor in English in the Secondary School.*

E. FLOY SCHUMACHER. (Hedding College Conservatory, Abingdon, Illinois; pupil of Mme. Barbareux Barry, Chicago; Wm. Nelson Burrett, New York City; Centralizing School of Music, Chicago.) *Instructor in Voice Culture.*

HARRIET SEWELL,[6] B. S., M. S. (Fairmount College, University of Chicago.) *Instructor in Geography in the Secondary School.*

ANNA E. SNYDER,[4] B. S., A. B. (Kansas State Normal School, Columbia University.) *Instructor in English in the Secondary School.*

D. ANNA SPEER, A. B. (Kansas State Normal School.) *Instructor in Latin and English in the Secondary School.*

MABEL STONE. (Graduate Department of Music, Kansas State Normal School.) *Instructor in Piano.*

CATHARINE E. STROUSE. (Winona State Normal School; Thomas Training School; National Summer School, Chicago.) *Instructor in Public-school Music in the Secondary School.*

CLAIR K. TURNER, A. B. (Kansas State Normal College, Harvard University.) *Instructor in Physical Training in the Secondary School.*

W. A. VAN VORIS.[1] (University of Chicago.) *Instructor in Physiology and Physics in the Secondary School.*

CHAS. A. WAGNER,[4] A. B. (University of Kansas, University of Chicago.) *Instructor in Mathematics in the Secondary School.*

RAY WINTHROP WINGATE. (New England Conservatory of Music, Boston.) *Instructor in Voice Culture and Public-school Music.*

MYRTLE F. WOODSON.[3] (Southern Illinois State Normal University, pupil of Miss Jessie Carpenter, Tomlin's Institute, pupil of Miss Ida Loring Clark.) *Instructor in Public-school Music in the Secondary School.*

CARLTON WOOD. (Pupil of Gustav Exner, Berlin; Edward Mollenhauer, New York; Prof. Ottakar Sevcik, Prague.) *Instructor in Violin, Stringed Instruments and Orchestra.*

MARTHA J. WORCESTER.[6] (Kansas State Normal School.) *Instructor in English.*

BEULAH BASS,[4] B. S. (University of Chicago, College of Education.) *Critic Teacher in the Grammar Grades.*

CARRIE F. BRADLEY.[3] (Kansas State Normal School.) *Critic Teacher in the Grammar Grades.*

JESSIE L. FORDE, A. B. (Kansas State Normal School, College of Emporia, Teachers' College, Columbia University.) *Critic Teacher in the Grammar Grades.*

ACHSAS M. HARRIS, A. B. (Kansas State Normal School, University of Michigan, Teacher's College, Columbia University.) *Critic Teacher in the Primary Grades.*

ETHEL MCCARTNEY.[6] (Kansas State Normal School.) *Critic Teacher in the Grammar Grades.*

MARY M. REED,[4] B. E., M. E., B. S. (Lock Haven, Pennsylvania, State Normal School, Teachers' College, Columbia University.) *Critic Teacher in the Grammar Grades.*

GRACE TEAR, A. B. (Kansas State Normal School, Fairmount College.) *Critic Teacher in the Intermediate Grades.*

JENNIE WILLIAMS, A. B. (Kansas State Normal School, Michigan University.) *Critic Teacher in the Primary Grades.*

OFFICERS OF ADMINISTRATION.

JOSEPH H. HILL, A. M., D. D., L. L. D., *President.*

JOHN H. GLOTFELTER, Pd. D., *Vice President and Director of the Training School.*

THOMAS MEDARY IDEN, Ph. M. Dean of the College.

HARRIET L. BARBER,[4] B. S., A. M. (Illinois Normal University, University of Nebraska, Teachers' College, Columbia University.) *Dean of Women.*

WILLIAM S. BIXLER,[4] B. S., Ph. M. (Lincoln College, University of Chicago, University of Pennsylvania.) *Registrar.*

NELLE BURLINGAME. (Lakeside Hospital, Cleveland; Portland Open Air Sanatorium; Miami Valley Hospital, Dayton, Ohio.) *Nurse.*

ROY E. COLEMAN. (Kansas State Normal School.) *Financial Secretary.*

MARY E. EDWARDS.[10] *Secretary for the Training School.*

LOUISE JAGGARD. *Recorder.*

MARY V. KELLOGG. (Kansas State University.) *Secretary to the President.*

WILLIS H. KERR,[4] A. B., A. M. *Librarian.*

GRACE M. LEAF.[2] (Kansas State Normal School.) *Cataloguer and Reference Librarian.*

MARY C. MCNABB.[12] *Assistant Financial Secretary.*

ETHEL M. MACURDY, A. B. (Kansas State Normal School, Baker University.) *Librarian Assistant, in charge of Shelf Department.*

E. B. MATTHEW.[4] (Kansas State Normal School; University of Chicago; American Academy of Dramatic Art, New York.) *High School Visitor.*

HARRIET PRIEST. *Secretary for the Appointment Bureau.*

CARL W. SALSER.[4] *General Secretary of the Alumni Association and Appointment Bureau.*

MAUDE E. SHORE. (Kansas State Normal School.) *Library Assistant, in charge of Circulation.*

W. H. SINGULAR. (Kansas State Normal School.) *General Office Secretary.*

GRACE WOODWARD.[5] (Illinois Women's College, University of Colorado, Wisconsin Library School.) *Cataloguer.*

WILLIAM H. BOYLES. *Custodian of Buildings and Grounds.*

LECTURERS, STATE-WIDE INSTITUTE.

Summer Term, 1911.

ALFRED A. CLEVELAND, Ph. D. Dean School of Education, University of Oregon. *Psychology and Methods.*

FISKE ALLEN, A. M. Department of Mathematics, Columbia University. *Arithmetic.*

E. C. BISHOP, A. M. Director Rural School Extension Work, Iowa State College. *Agriculture.*

E. E. REED, A. B. Professor Secondary Education, University of Nebraska High School Inspector. *Reading.*

GEORGE WILSON HOKE, A. M. Professor of Geography, Miami University. *Geography.*

W. D. MORIARTY, Ph. D. Department of English, University of Michigan. *Language.*

WILLIAM D. ROSS, A. M. State Normal Training High School Inspector. *American History.*

WILLIAM A. VAN VORIS. Department of Physical Sciences, Kansas State Normal School. *Hygienic Physiology.*

CLAIR K. TURNER, A. B. Department of Physical Training, Kansas State Normal School. *School Plays and Games, and Playground Supervision.*

EDWARD T. FAIRCHILD, Pd. D., LL. D. State Superintendent of Public Instruction, Kansas. *Special Lecturer.*

EMILY KITTLAUS-HOELCEL. *Model Rural School.*

Summer Term, 1912.

JAMES R. JEWELL, Ph. D., *Director.*

SPECIAL LECTURERS.

EDWARD T. FAIRCHILD, Pd. D., LL. D. State Superintendent of Public Instruction, Kansas.

DR. HARVEY W. WILEY. Former Chief Bureau of Chemistry, Washington, D. C.

N. A. HARVEY, A. M., Ph. D. Professor of Education, Michigan State Normal School. *Psychology and Pedagogy.*

FISKE ALLEN, A. M. Professor of Mathematics, Kansas State Normal. *Mathematics.*

W. J. SUTHERLAND, Ph. M. President State Normal School, Platteville, Wis. *Geography.*

CHARLES R. PHIPPS, A. B. Professor of Agriculture, Kansas State Normal. *Agriculture.*

E. H. KEMPER MCCOMB, A. B. Supervisor of English, Indianapolis, Ind. *English.*

ACHSAH HARRIS, A. B. Professor of Elementary Education, Kansas State Normal. *Nature Study and Literature.*

M. ADELAIDE HOLTON, A. B. Supervisor of Primary Work. *Reading.*

FRANK W. WHITE, M. D. Director of Physical Training and Professor of Physiology and Hygiene, Kansas State Normal. *Physiology and Hygiene.*

A. W. DUNN, A. B. Executive Secretary New York Public Educational Association. *History and Civics.*

CLAIR K. TURNER, A. B. Instructor Physical Training, Kansas State Normal. *School Plays and Games and Playground Supervision.*

B. HAROLD HAMBLIN, A. B. Supervisor of Music, Public Schools, Boston, Mass. *Public School Music.*

WILLIS H. KERR, A. M. Librarian, Kansas State Normal. *School Libraries.*

GERTRUDE A. BUCK, B. L. S. Professor of Library Science, Kansas State Normal. *School Libraries.*

EDITH KUNZ, New Brighton, New York City. *Special Lecturer on Child Psychology.*

EMILY KITTLAUS-HOELCEL. *Model Rural School.*

STUDENT ASSISTANTS.

1911-1912.

L. B. Anderson.
Eva M. Armstrong.
E. B. Barnes.
Anna M. Beck.
Ethel Breiner.
Bessie Curry.
Aubrey Douglass.
John Finn.
Fred C. Gardner.
Floy Gebhardt.
Martha George.
J. Edward Gilbert.
Ethel Harris.
William S. Hay.
Sam Hendrix.
Grace E. Howell.
J. T. Hunter.
Clara E. Kirby.
Lora Lock.
Mina Lunden.
Fred W. Meyers.
Mrs. Cornelia Moss.
Grace M. Palmer.
Nora Prescott.
Bessie M. Roberts.
Maude M. Robertson.
Wayne Shaw.
Ralph H. Smith.
Charles A Speer.
E. H. Thomas.
Alice Throckmorton.
C. E. Tilford.
J. Harley Waldron.
W. J. Warren.
Muriel Williams.
L. Dwight Wooster.

FACULTY DIRECTORY.

Name and phone number.	Address.
Agrelius, F. U. G., 632 Green	1021 Exchange st.
Alder, Louise, 402	1114 Neosho.
Allen, Fiske, 1088	820 State.
Armstrong, C. E., 1144 Red	1018 Mechanic.
Atwood, Jane K., 850	1225 Merchant.
Barber, Harriet L., 292	821 State.
Bass, Beulah, 347	810 Mechanic.
Beck, Anna Maria	1104 Merchant.
Bixler, W. S., 149 Green	1236 Highland.
Black, F. L.	132 West Thirteenth.
Boomhower, Mildred, 727 Red	911 Neosho.
Boyles, W. H., 477	1233 Mechanic.
Braucher, H. H., 820 Red	905 Neosho.
Brookover, Hortense, 819	827 Market.
Buck, Gertrude	132 East Twelfth.
Burlingame, Nelle, 612	Normal Hospital.
Burris, Van W., 1067	1109 Commercial.
Coleman, R. E., 1052	1119 State.
Crary, Lottie E., 1061 Black	923 Exchange.
Cross, Florence, 429 Green	927 Merchant.
Culter, H. M., 1152	1515 Highland.
Donica, D. Sophia, 1178	1016 Congress.
Dudley, Lillian, 284	1024 Constitution.
Eckdall, Mrs. D. M., 864	727 Rural.
Ellis, G. W., 173	1127 State.
Ellsworth, D. A., 159	218 West Twelfth.
Flinn, Gertrude, 751	728 Merchant.
Forde, Jessie L., 223	829 State.
Glotfelter, J. H., 341	1025 State.
Gridley, Emma L., 220 Blue	821 State.
Guelich, H. D.	———
Harris, Achsah, 798	—— Mechanic.
Hill, C. E.	1118 State.
Hill, J. H., 650	1213 Rural.
Holtz, W. L., 928	924 Constitution.
Honhart, F. L., 100	136 West Twelfth.
Iden, T. M., 764	1006 Constitution.
Jaggard, Louise, 820 Blue	1009 Neosho.
Jewell, J. R., 1290	1521 Highland.
Johnson, Bernice, 1158 Green	1006 Market.
Keller, W. H., 1144 Green	1113 Constitution.
Kellogg, M. V., 315	725 Neosho.
Kerr, Willis H., 631	302 East Fourteenth.

Name and phone number.	Address.
Kitchin, Eleanor, 429	927 Merchant.
Lewis, Charlotte, 575	418 Market.
Lewis, W. G.	———
McNally, Eva, 72	911 Union.
Macurdy, Ethel, 890	1224 Highland.
Manning, Celia, 947 Red	316 East Twelfth.
Matthew, E. B., 319	1002 Constitution.
Medders, Caroline, 818	730 Exchange.
Minrow, Maude E., 402	1114 Neosho.
Morrison, Katharine, 758½	902 State.
Muir, Lura Virginia, 474	1027 Constitution.
Mull, Mrs. Beth W., 745	710 Exchange.
Newton, Anna Bell, 798	829 Mechanic.
Ostlund, Emma, 931	1112 Commercial.
Parke, L. A., 560	1127 Market.
Phipps, Chas. R., 446	727 Constitution.
Priest, Harriet, 569	1009 Union.
Reed, Mary M., 347	810 Mechanic.
Reneau, Georgia, 764	1006 Constitution.
Rhodes, Mable, 367	929 West.
Rice, Berenice, 938	828 Market.
Riley, Edgar F., 149 Green	1236 Highland.
Ritchie, R. H., 1185	832 Merchant.
Salser, Carl W., 1151 Blue	1225 North Merchant.
Schumacher, E. Floy, 727 Red	911 Neosho.
Shore, Maud E., 1050	1124 Mechanic.
Singular, W. H., 1119 Black	304 East Fourteenth.
Smith, W. R., 149 Green	1236 Highland.
Snyder, Anna, 971	821 Union.
Stowe, A. M., 542	909 Mechanic.
Strouse, Catharine, 727 Red	911 Neosho.
Taylor, Luella, 516	826 Rural.
Tear, Grace	828 Merchant.
Thayer, Miriam, 1166 Red	1017 Congress.
Triplett, Norman, 850	1225 Merchant.
Turner, Clair, 379	702 Constitution.
Van Voris, W. A., 1017	1305 Highland.
Wagner, Chas. A., 1013 Black	422 Union.
White, Frank W., 1111 Red	805 Walnut.
Whitney, Mary A., 819	827 Market.
Williams, Jennie, 1158 Red	1314 Highland.
Williams, Pelagius, 415 Black	1113 Congress.
Wingate, Ray W., 670	1101 Merchant.
Wood, Carlton, 938	828 Market.
Woodward, Grace, 414	1127 Neosho.
Wooster, L. C., 247	1017 Union.

GENERAL INFORMATION.

Historical.

THE State Normal School of Kansas was located at Emporia by act of the legislature passed in February, 1863; the legislature of 1864 provided for the appointment of a Board of Regents and the organization of the School, and the first appropriation bill, $1000, for the salaries of teachers, was approved February 29, 1864. The School opened its doors to students and began regular work in the upper room of a school building owned by the city of Emporia, February 15, 1865, with one teacher, L. B. Kellogg, and eighteen students. The first building for the use of the School erected by the state was dedicated January 2, 1867; the first graduating class, consisting of two young women, was the class of 1867. Since that time the School has graduated more than 2000 young men and women, and numbered probably 25,000 among its undergraduate students; almost the entire number of these have engaged for a longer or shorter time in teaching in the schools of Kansas and of other states, and the influence of the School has been a positive and powerful factor in the educational life of the state during all the forty-two years of its history. By the legislature of 1901 the Normal School at Hays, and by the legislature of 1903 the Normal School at Pittsburg, were established as auxiliary to the State Normal School, at Emporia, and designated respectively, "The Western Branch State Normal School," and "The Manual Training Auxiliary." The management of the three schools is by law vested in one Board of Regents, and the president of the Normal School at Emporia is the president of the three schools.

PURPOSES OF THE SCHOOL.

The act organizing the School and locating it permanently at Emporia provided that its exclusive purpose should be "the instruction of persons, both male and female, in the art of teaching," and designated in general terms such branches of instruction as were then recognized as necessary for the accomplishment of that end. The School throughout its history has been conducted in the spirit of its foundation and with specific reference to its function of preparing teachers for the public schools of the state. The field of the Normal School as an essential part of the school system of the state implies a recognition of the principles that proficiency in the art of teaching is dependent upon thorough knowledge of the fundamental principles of the science of teaching, that this knowledge should be both historical

and philosophical, and that clear conceptions of methods can most readily be attained by an intelligent study of them in practical operation. The Normal Schools of the state, then, organized into one system, assume as their field specifically the professional function. The place and value of every subject in the course of study is determined by its relation to this end, the method of approach to every subject of instruction has the teaching purpose particularly in view, and in every way the Normal School seeks to develop a distinctive teaching atmosphere, to foster the best expression of the teaching spirit, and to set the highest standards for teaching preparation. To fulfill its mission adequately, and to meet the legitimate demands made upon it, the Normal School recognizes that it must touch every phase of public-school life in the state, must lay the foundations of broad and thorough scholarship and professional training for every grade of school work, and must seek to be a progressive center of educational thought and a disseminator of the best teaching ideals to the schools of every community.

LOCATION.

Emporia, the home of the State Normal School, is a city of approximately 10,000 inhabitants, situated between the Neosho and Cottonwood rivers, in a beautiful and healthful location, easily accessible from all parts of the state. Its railroads are the main line and three branches of the Atchison, Topeka & Santa Fe Railway, and the Neosho branch of the Missouri, Kansas & Texas. Emporia combines ideally the characteristics of a model school town. It is a substantial business city in the center of a prosperous agricultural community. Its well-kept lawns, its commodious and comfortable homes, its public buildings and its numerous schools and churches are external evidences of the spirit of the community; it has also long been known as one of the most attractive residence and home cities of the West. It is often designated as a city of schools and churches, and the educational and moral tone of the community is wholesome and helpful in the highest degree. Students find a cordial welcome to their church homes in the various places of worship in the city, and they have no difficulty in finding places for room and board with congenial surroundings where the moral safeguards are the very best. Many families in the city are particularly identified with the life of the School because they have been especially attracted to Emporia as a place of residence by its educational opportunities.

BUILDINGS, GROUNDS AND EQUIPMENT.

In addition to a competent Faculty and good location, convenient and suitable buildings are necessary for a school.

The Normal School grounds are located immediately adjacent

to the city at the north end of Commercial street, the leading business street of Emporia. The original campus of twenty acres has been enlarged by successive purchases so that it now includes about thirty-five acres, including one of the most satisfactory and best equipped athletic fields in the state. The group of buildings includes:

The Main Building.

The central portion was built originally in 1880, but enlarged by the addition of a wing on the west in 1887, and on the east in 1895. In the east wing is the beautiful addition known as "Albert Taylor Hall." The entire building is devoted to the purposes of administration and instruction, is about 300 feet long, and contains 80 rooms, exclusive of closets and wardrobes —well lighted, well ventilated, attractively and comfortably furnished with direct reference to the needs of the modern schoolroom. It is heated by steam, has a complete system of motor ventilation, a private telephone exchange with direct connection with the city system, is supplied with water, gas and electric light; in short, is fully equipped with whatever adds to the comfort and convenience of student life.

The Kellogg Library.

Completed in 1902 at a cost of $60,000, provided with modern library equipment, is admirably adapted for research work. Over 27,000 books, selected with reference to the teacher's work, are catalogued and ready for instant reference. The entire library force have had library training in the best schools of the country. This enables them to give helpful guidance to the students. The convenient arrangement of the reading room, seminars and lecture room makes the library an ideal place for study and research.

The Training School Building.

Completed in 1905, at a cost of over $30,000. It is arranged especially for practice teaching, and contains accommodations for the kindergarten and the eight grades of the common school. It has a good equipment, with playroom, manual training, kindergarten kitchen, and ample playgrounds. It is notable for its good light and ample ventilation. Valuable and appropriate pictures are on the walls. Its equipment is being added to from year to year.

The Norton Science Hall.

Erected at a cost of $50,000, was occupied by classes in September, 1907, and formally dedicated to the uses of the School November 15, 1907, with appropriate exercises. The building was named, by authority of the Regents, "The Norton Science Hall," in honor of Henry B. Norton, first teacher of natural

science in the School and associate principal under L. B. Kellogg. Modern laboratories and lecture rooms, equipped with the best scientific apparatus, are provided for the science work. The museum is rich in specimens illustrating the various lines of physical science. The building offers first-class, up-to-date conditions for the study of science.

The Physical Training Building.

Was first used for classes in February, 1910, and formally opened with appropriate exercises April 15, 1910. The dedicatory address was given by Dr. Henry S. Curtis, vice president of the American Playground Association. It is in every respect modern and designed exclusively for gymnasium purposes. The heating, lighting and ventilation of this building are perfect and the equipment is up to the standards of to-day. The basement is equipped with dressing rooms, steel lockers, shower baths, and a swimming pool. The second floor is for heavy apparatus and marching. The main room on this floor is 158 feet long and 66 feet wide. It may be used as one room or divided by rolling partitions into two. At the ends of the building on this floor and the next are offices and consulting rooms. The third floor is used for basket-ball and kindred games, and offers one of the best basket-ball courts in the state. Above this is a gallery for spectators and a running track. The floors of the large rooms are of hard maple, making ideal surfaces for gymnastic purposes. This magnificent building, costing over $100,000, is to be devoted exclusively to physical-training classes and work.

Music Hall.

Directly east of the main building, was purchased in June, 1910, from the estate of the late C. V. Eskridge, and has been occupied since September, 1910. The building contains four private studios for the instructors in instrumental and violin music, two recitation rooms for classes in theory and harmony, and an office. It is well lighted by electricity and furnishes very comfortable and convenient accommodations for the work in music.

The Emergency Hospital.

Provided with equipment necessary for the care of the students who are ill. A trained nurse is in charge of the hospital. A small fee is required of all students for meeting the expenses of the nurse. The plan of caring for sick students has proved very effective. Precautionary and preventive measures have checked epidemics and conserved health.

The Power House.

Situated at the rear of the other buildings, is equipped with a modern battery of boilers, engine and generator, which fur-

nishes heat and light for all the buildings as well as electric power for the blower-fan system of ventilation.

The Athletic Field.

On the northwest part of the campus; gives abundant facilities for all outdoor games. The drainage of the grounds is perfect, so their condition seldom prevents use. The field has been enlarged by the purchase of additional ground on the north, and additional tennis courts are being added as needed.

FEES.

Unless otherwise stated, fees are to be paid at the beginning of each term and in advance.

HOSPITAL. Each school year, or fraction thereof, all students in college and secondary courses pay fifty cents, to be used as a fund for the care of the sick. This fee will not be refunded.

LOCKER. All students pay a gymnasium locker fee of seventy-five cents each term.

NONRESIDENT. Nonresident students will pay a fee of five dollars per term additional to any or all other fees. This applies to students who have not been living in Kansas for six months prior to enrolling.

ABSENTIA. Students taking work *in absentia* pay a fee of five dollars for each course taken.

LABORATORY. The cost of work requiring laboratory will be based upon the supplies actually consumed.

TYPEWRITER RENT. Students taking typewriting pay two dollars and fifty cents for the use of the machine per term.

MUSIC. For fees in Music Department, see under that head.

COMMERCIAL COURSE. Students taking the commercial course will pay a fee of ten dollars for full work or four dollars for each subject until the maximum is reached, in addition to the incidental fee.

LIBRARY SCIENCE. Students taking the course in library science will pay a fee of two dollars a subject up to a maximum of five dollars, in addition to the incidental fee.

DOMESTIC SCIENCE. Students taking the course in domestic science will pay a fee of two dollars a subject up to a maximum of five dollars, in addition to the incidental fee, and also in addition a laboratory fee for supplies actually consumed.

EXAMINATION. Students taking special final examinations pay a fee of one dollar. See under Examinations above. Students regularly enrolled pay the regular examination fee of one dollar for the privilege of taking the COUNTY EXAMINATION under the supervision of the officers of the State Normal School. No credit is given for certificates of enrollment in county institutes.

REFUNDING FEES. Except as otherwise stated, the unused portion of fees will be refunded, or will be credited to the student, only in cases of protracted illness.

IRREGULAR FEES:

Taking one subject one semester	$10 00
Irregular in one subject one semester	4 00
Except irregular in one commercial subject	8 00
Irregular in two subjects one semester	8 00
Irregular in two commercial subjects one semester	16 00
Irregular in three or four subjects one semester	10 00
Irregular in three or four commercial subjects one semester	20 00

IRREGULAR STUDENTS.

The student is *Irregular* who carries but one subject; who chooses to take some other course than the regularly prescribed course; who selects work independent of any course; who takes subjects in the regular course of study more than one semester in advance of the work of the semester in which he is classified; who takes at the same time two or more subjects in any department, except as it can be shown that this is conforming regularly to the course which he is taking.

HOSPITAL FUND.

This fund is provided by the fee of fifty cents per year paid by all students in College and secondary courses. It is used to pay salary of the head nurse, for such emergency hospital supplies as are necessary, and for unavoidable expenses required for proper care of the sick. The hospital fund has met with generous approval and has contributed to better general health and to the comfort of the students.

The hospital fund is administered subject to the following rules:

1. That the responsibility of the nurse extends to the advising of students in cases of mild illness and to the care of more serious cases until other arrangements can be made.

2. That the building be called the "Normal Emergency Hospital," and the fund be designated "Emergency Hospital Fund."

3. That students will be taken from their rooms to the hospital only in cases of emergency.

4. That patients be cared for in the Emergency Hospital no longer than the time necessary to communicate with their parents or friends and arrangements can be made for their safe removal.

5. That patients cared for in the hospital pay day charges at the rate of seventy-five cents a day. This will cover food and

simple remedies, but includes neither doctor's fees nor prescriptions.

6. That patients in the Emergency Hospital may call the physician they prefer, and will then be under his care and that of the resident nurse until removed.

7. That cases of contagious diseases be not taken into the Emergency Hospital.

8. That a housekeeper be employed at the Emergency Hospital to care for the house and to furnish meals.

9. That the nurse may have certain hours within which she will make calls.

BOARD AND ROOMS.

Many students are paying as low as $3 for board in private families, while a very few pay as high as $4 a week.

Board in clubs costs from $2.75 to $3.50 per week. Those who board themselves reduce the cost about one-half. A careful comparison with the cost of living at other schools in the state shows that students demanding the same kind of accommodations live with as little expense here as at any of them. Every effort is made to reduce expenses to the minimum.

Rooms, unfurnished, $3 to $5 per month; furnished, $5 to $10 per month, according to size and conveniences.

It is not necessary to engage rooms before you come. It is always more satisfactory to see what you are engaging before you make definite arrangements.

There is a committee of the Faculty which inspects and investigates all conditions affecting boarding and rooming places. Places which they recommend are then placed on an approved list. Men and women are not permitted to room in the same house, and householders, as well as students, are held responsible for the carrying out of the regulation. The approved list of rooms for women can be consulted at the office of the Dean of Women and that for men at the General Office. In houses where women students are rooming suitable arrangements for the use of a parlor for the reception of guests are required by the committee in charge.

We strongly recommend that all women get their rooms through the office of the Dean of Women. Experience proves this to be the most satisfactory way.

THE SCHOOL YEAR.

The school year is divided into two semesters of approximately twenty weeks and the summer term equivalent to a half semester. The year opens with the summer term.

EXAMINATIONS.

There is no institution regulation requiring a final examination. However, any instructor may as a part of the regular work of a course require that students take a final examination.

The privilege of taking examinations may be given to students returning to school after an extended absence, during the first semester succeeding their return, after consultation with, and the consent of, the head of the department in which the work is requested, upon the presentation of the Financial Secretary's receipt for the fee required.

In cases where the head of the department feels that there is reason for giving permission to complete credit by examination, such permission after the regular twenty weeks are past is subject to reference to the committee on Scholarship, Records and Extra Work.

Students entering for the first time and wishing examinations to establish credit on work the preparation for which was not done in any school will report as follows: Those of college rank to Dean Iden; those of secondary rank to Dr. Jewell. Upon their consent, after conference with the heads of departments concerned and the payment of the special examination fee, the examination may be taken. (See under Fees.)

COUNTY EXAMINATION.

Regularly enrolled students of the State Normal School may, upon the payment of the usual examination fee of one dollar, present themselves for examination for county certificates to be conducted under the supervision of the officers of the State Normal School at any time when such an examination is given at any point in the state. The papers in such examination will be sent to any county designated by the applicant, there to be examined by the county board of examiners, who will issue certificates to the successful applicants under the same conditions as if the examination had been conducted under their supervision.

NUMBER OF HOURS OF WORK.

Students may not be regularly enrolled in less than eight or more than sixteen hours of work. Applications for extra hours of work may be made of the Registrar, who will send blanks for that purpose. These should be filled in and sent to the Registrar not less than ten days before the opening of the semester for which the student wishes to enter. Students are not encouraged to enroll for more than sixteen hours.

CERTIFICATES AND DIPLOMAS.

ONE-YEAR STATE CERTIFICATE.

A one-year state certificate is granted to such students of the State Normal School as apply for it, who have been at least twenty weeks in attendance, and who have completed satisfactorily the following sixteen units of work of the secondary school grade, distributed as follows:

Group 1, English.	English, four units. Oral English, one unit.	Three units are required.
Group 2, Mathematics.	Algebra, one and one-half units. Geometry, one-half unit. Arithmetic, one-half unit. Bookkeeping, one-half unit.	Two and one-half units are required, one-half unit being arithmetic or bookkeeping.
Group 3, Natural Science.	Botany, one unit. Physics, one unit. Agriculture, one unit. Geography, one-half unit. Physiology, one-half unit.	Three units are required, one-half unit being geography and one-half unit physiology.
Group 4, History and Civics.	American history, one unit. European history, one unit. Civics, one-half unit.	One and one-half units are required, one-half unit being civics.
Group 5, Professional Subjects.	Methods and management, one-half unit. Psychology, one-half unit.	One unit is required.
Group 6, Arts.	Drawing, one unit. Music, one-half unit. Physical training, one-half unit. Manual training, one-half unit. Domestic science or domestic art, one unit. Penmanship, one-half unit.	One unit is required.
Elective.	Four units.	Four units are required.

SECONDARY SCHOOL DIPLOMA.

To receive the diploma of the Secondary School pupils must have completed sixteen units of work, ten units of which are required and six are elective. The required work includes three units of English, one of algebra, one of geometry, one of botany or agriculture, one of physics, one of history, one-half of hygienic physiology, one-half of civics, and one selected from the list of arts, found in group 6, page —. Only one-half unit in physical training, one-half unit in chorus singing, and one unit in instrumental music may be counted toward graduation. Many courses require more than one semester for completion of credit toward graduation, and these must be taken until the completion of the course indicated by a star in the course of study, page—.

THE THREE-YEAR STATE CERTIFICATE.

A Three-year State Certificate may be issued to those who have satisfactorily completed thirty-two hours of college work which shall include: College English or speech arts, three hours; psychology, two hours; general methods and observation, three hours; physical training, one hour; arithmetic, or applied elementary mathematics, two hours; geography, three hours; physiology, three hours; American history or government, three hours; music or drawing or home economics, or manual training, or bookkeeping and penmanship, four hours; privided, that if the above subjects (except college English, general methods and observation, and physical training) have been represented in the units of secondary work they may be omitted from the foregoing requirements.

MUSIC CERTIFICATE.

A certificate is given by the Department of Music to those students who have completed the work of the Secondary course as listed in the work of that department, and in addition courses 9 and 10 of the advanceed course in piano, violin, or two semesters of voice culture; harmony, six hours; history of music, six hours; musical analysis, two hours; class music, two hours; ensemble playing or singing, two hours; physical training, one hour.

MUSIC DIPLOMA.

A diploma is given by the Department of Music to those students who have completed the work leading to the music certificate and courses 11 and 12 in piano, violin, or an additional year of voice culture; counterpoint, six hours; ensemble playing or singing, two hours; physical training, two hours; electives, eight hours.

A graduate course, including courses 13 and 14 in piano,

violin, or an aditional year of voice culture; fugue, four hours; instrumentation, four hours; physical training, two hours; electives, sixteen hours.

Elective subjects may be chosen from the following departments: Art, English, Modern Languages, Pedagogy, Psychology, Speech Arts, Piano, Voice Culture, Theory of Music and Public-school Music. The choice of electives will depend upon the major selected and the general needs of the student.

MANUAL-TRAINING CERTIFICATE.

The Manual-training Certificate, issued by the Kansas State Board of Education, is granted to holders of any valid teacher's certificate who have completed the following courses: Mechanical drawing, advanced mechanical drawing, elementary woodwork, advanced woodwork, joinery, cabinetmaking, wood turning, advanced wood turning, and theory and practice, or the equivalent of these courses, and the practice teaching in manual training.

PUBLIC SCHOOL MUSIC CERTIFICATE.

Students who have met the requirements for the three-year state certificate will be granted the Public-school Music Certificate if they have completed twenty-four hours of sight-singing, methods, chorus drill, voice, practice teaching, appreciation conducting, and ensemble.

MUSIC SUPERVISOR'S DIPLOMA.

Holders of the public-school certificate will be granted a Supervisor's Diploma upon the completion of an additional year of work, which shall comprise five hours of psychology and English, eight hours of instrumental and vocal instruction, fifteen hours of class work, including ear-training and harmony, history of music and melody.

LIFE CERTIFICATE.

The student who completes the Freshman and Sophomore years of college work is given a diploma which is legally a life certificate to teach in the public schools of Kansas, including those of all classes of cities and high schools. Students completing the work in any term of the year are entitled at once to the legal privileges incident to graduation; but, excepting those completing work in August, are listed with the class of the succeeding June, and their diplomas are usually issued at the June commencement. Students completing the work in August will be classed with the class of the preceding June. The roll of the class for graduation is made up the first of April, nine weeks

prior to commencement, and all work except such as is included on the student's program for that semester must be completed by that time in order that students may be listed for graduation with the class. Candidates for August graduation should be listed as such one week prior to the commencement exercises in June.

DIPLOMA AND DEGREE.

The completion of the four-year College course entitles the graduate to the degree of bachelor of arts (in education). The diploma given has the same legal force as a life certificate as has the diploma of the two-year College course.

No diploma is granted for less than a year's residence.

Definite arrangements have already been made for the acceptance of students completing this course as graduate students and candidates for higher degrees in representative universities of this country.

SPECIAL CERTIFICATES.

Certificates representing special work done as a part of the life certificate course for primary teachers, for intermediate and grammar grade teachers, and for kindergarten teachers, are given. The requirements for these certificates are outlined in connection with the college work on a later page of this catalogue.

LECTURES AND ENTERTAINMENTS.

A high-class lecture course of five or six numbers has for years been maintained under the general direction of a committee of the Faculty. These courses include from time to time the very best available talent on the American platform for concerts, readings and addresses, selected with special reference to the educational, artistic and inspirational value of their work to the student body. In addition to the regular lecture course, provision is made for addresses from time to time from men and women of note in all lines of intellectual activity on educational and other themes, and the presentation from the platform of the best in the various forms of artistic expression. The broadening of outlook, the stimulus to thought and the growth of appreciation as to fine arts and its best forms of expression make the frequent opportunities that are given to hear men and women of reputation in various lines of achievement, one of the most helpful features of school life. The following appeared during the past year:

Forty-seventh Commencement Speakers.

Reverend T. H. McMichael, President Monmouth College. Baccalaureate address.

Charles Bayard Mitchell, D. D., Ph. D., Chicago, Ill. Commencement address.

Summer School Speakers.

E. C. Bishop, A. M., Director Rural School Extension Work, Iowa State College. "Better Rural Life."

E. E. Reed, A. B., Professor Secondary Education, University of Nebraska. "A Live School for the Live Boy."

George Wilson Hoke, A. M., Professor of Geography, Miami University. "The Back Door of Europe."

Regular Lecture Course.

George Hamlin, Tenor, November 6, 1911. A. Radclyffe Dugmore, January 12, 1912. Illustrated lecture, "African Wild Game."

Benjamin Chapin, February 5, 1912. "Impersonation of Abraham Lincoln."

Harold Bauer, Pianist, March 20, 1912.

John Mitchell, March 4, 1912. "Principals and Standards of Trades-Unionism."

Other Lectures and Entertainments.

Charles H. Judd, director of School of Education, University of Chicago, February 3. "Practical Reading."

Clark Hetherington, Ph. D., "Plays and Games," May 3, 1912.

Mme. Schumann-Heink, Contralto, May 17, 1912.

THE TEACHERS' APPOINTMENT BUREAU.

The work of organizing the Teachers' Appointment Bureau was authorized by vote of the Alumni Association at a special meeting held in Topeka, November 10, 1911. This was part of a plan to make the Alumni Association of the State Normal School a more effective body and a more useful organization to the School. At that meeting a committee consisting of President J. H. Hill, Principal W. S. Pate and Principal A. M. Thoroman was elected to have charge of the work of organizing the Appointment Bureau. Carl W. Salzer, who was elected General Secretary of the Association at the same meeting, has had active charge of the work under the advice of the committee.

The plan, in brief, provides that teachers who hold State Normal School certificates may register with the Bureau. A complete set of papers is made for each person so registered. Those in school and those in the field register under exactly the same conditions. Those enrolled are carefully classified and catalogued, so that recommendations can be quickly made when calls for teachers are received. Papers showing the records of candidates are sent to superintendents and boards of education when recommendations are made to them. This information is in every case to be returned to the Bureau.

When the committee, through the General Secretary, submitted the plan to the Alumni by general letter the responses were unanimous in approving the provision that each person who en-

rolled in the Bureau and received a position with its help should pay to the Alumni Association one per cent of his first year's salary to provide funds for the Association's part of the expense. This is rather asked as a contribution than as a fee. Any person who does not receive an offer he cares to accept is not expected to pay toward the support of the work. Those who do receive positions are not asked to pay anything until after work has begun in the new place.

This Bureau has been organized by the coöperation of the School and the Alumni Association, and it will be conducted in the same way. This is now effected by the coöperation of Vice President J. H. Glotfelter, as Director of the Training School, with Mr. Salser, the General Secretary of the Alumni Association, in taking care of calls which are received for teachers. It insures more certain placing of students at graduation and more rapid promotion for those in the field. It provides a systematic method for getting school boards and teachers together. It makes much easier the difficult problem of knowing why and when teachers fail or succeed. It can be made a most effective organization. This Bureau has started its first year most auspiciously. A hundred or so of the Alumni have contributed a fund of $500 to take care of the first year's expense. It gives much promise of becoming self-supporting. The number of calls for teachers this year is greater than ever before, and many more positions could have been filled if the Bureau had had suitable candidates. About three hundred have enrolled in the Bureau. There should be twice that number. The larger the number the more effectively the calls can be taken care of. It is hoped that the list of State Normal trained teachers can be made quite complete by February, 1913. The work has already exceeded expectations. Coöperation on the part of State Normal people will make it a great success at once. Those who are interested should write Carl W. Salser, General Secretary of the Alumni Association, Emporia, for information.

SPIRIT OF THE SCHOOL.

The spirit of the School has always been one of cordial and emphatic coöperation between teachers and students, and effort is made to foster such a spirit in every healthful way. Every encouragement is given to independent activity in student enterprises, while at the same time it is sought to give proper emphasis to that community of interests that joins all—Faculty and students—in one coherent whole. Every student should plan to be an active and helpful member of the school community, as well for his own sake as for the sake of others, and, in estimating his expenses, he should set aside definitely the amounts necessary—not large in the aggregate—for purchase of the lecture-course ticket, membership in the athletic association, class

and literary society fees, subscription to student publications, and other phases of participation in the school life as a whole. There is no formal plan of discipline in the State Normal School. The students are an earnest, self-reliant, self-governing body of young men and women, to whom kindly suggestion along proper lines has the force of law, and who are intent upon self-improvement and the attainment of high ideals in conduct and life. The moral and social environment is one into which no young man or woman need hesitate to enter.

PERIODICALS AND NEWSPAPERS.

The Library is liberally supplied with magazines and newspapers adapted to the general as well as to the special needs of the pupils. The following periodicals and serials are received regularly on subscription:

American Academy of Political and Social Science, Annals.
American Association for Labor Legislation, Publications.
American Boy.
American Chemical Journal.
American Economic Association, Bulletin.
American Economic Review.
American Federationist.
American Historical Review.
American Journal of International Law.
American Journal of Psychology.
American Journal of Sociology.
American Library Association, Booklist.
American Library Association, Bulletin.
American Magazine.
American Mathematical Monthly.
American Naturalist.
American Penman.
American Physical Education Review.
American Political Science Review.
American Primary Teacher.
American School Board Journal.
Animal Behavior Monographs.
Arts and Decoration.
Atlantic Educational Journal.
Atlantic Monthly.
Aus Nah und Fern.
Bayview Magazine.
Biblical World.
Bookman.
Book Review Digest.
Building Age.
Bulletin of Bibliography.
Business.
Business Journal.
Catholic Educational Review.
Century Magazine.
Chicago Record-Herald.
Christian Socialist.
Classical Journal.
Classical Philology.
Classical Weekly.
Collier's Weekly.
Contemporary Review (American edition).
Country Gentleman.
Country Life in America.
Craftsman.
Cumulative Book Index.
Current Literature.
Dial.
Education.
Educational Times (London).
Elementary School Teacher.
Emporia Gazette.
English Journal.
Equity.
Etude.
Everybody's Magazine.
Farm Journal.
Forum.
Geographical Journal (London).
Geographical Teacher (London).
Good Housekeeping.
Harper's Bazar.
Harper's Monthly Magazine.
Harper's Weekly.
Hearst's Magazine.
Hibbert Journal.
History Teachers' Magazine.
Household Arts Review.
Independent.
Index to Dates.
International Association for Labor Legislation, Bulletin.

International Review of Missions.
International Studio.
Johns Hopkins University, studies in Historical and Political Science.
Journal of Abnormal Psychology.
Journal of Accountancy.
Journal of American History.
Journal of Animal Behavior.
Journal of Educational Psychology.
Journal of Education.
Journal of Geography.
Journal of Geology.
Journal of Home Economics.
Journal of Political Economy.
Journal of Religious Psychology and Education.
Kansas City Star.
Kansas City Times.
Kansas Magazine.
Kindergarten Primary Magazine.
Kindergarten Review.
Ladies' Home Journal.
Library Association Record (London).
Library Journal.
Literarische Echo (Berlin).
Literary Digest.
Little Folks.
Living Age.
McClure's Magazine.
Magazine of History.
Manual Training Magazine.
Mathematics Teacher.
Mind and Body.
Missionary Review of the World.
Modern Language Notes.
Monist.
Moody's Magazine.
Musical America.
Musical Courier.
Musician.
Nation.
National Education Association, Proceedings.
National Geographic Magazine.
National Municipal Review.
National Society for the Scientific Study of Education, Yearbook.
Nature.
Nature Study Review.
Newarker.
New England Magazine.
New York Times Book Review.
New York Tribune.
Nineteenth Century and After.
North American Review.
Outing.
Outlook.
Pedagogical Seminary.
Physical Review.
Physical Training.
Playground.
Political Science Quarterly.
Popular Mechanics.
Popular Science Monthly.
Primary Education.
Primary Plans.
Psychological Bulletin.
Psychological Clinic.
Psychological Review.
Public.
Public Libraries.
Publishers' Circular (London).
Publishers' Weekly.
Quarterly Journal of Economics.
Readers' Guide to Periodical Literature.
Religious Education.
Review of Reviews.
St. Louis Republic.
St. Nicholas.
Saturday Evening Post.
School and Home Education.
School Arts Magazine.
School Journal.
School Music.
School Review.
School Science and Mathematics.
Science.
Scientific American.
Scientific American Supplement.
Scottish Geographical Magazine (London).
Scribner's Mazagine.
Speaker.
Special Libraries.
Survey.
System.
Teachers' College Record.
Teachers' Magazine.
Technical World.
Topeka Daily Capital.
Topeka State Journal.
Travel.
Typewriter World and Commercial School Review.
U. S. Congress, Slip Laws.
Vocation Bureau (Boston), Publications.
Vocational Education Magazine.
Western Journal of Education.
Western School Journal.
Wisconsin Library Bulletin.
Woche (Berlin).
Woodcraft Magazine.
Woman's Home Companion.
World's Work.
Youth's Companion.

The publishers of the following publications have kindly placed the Library upon their regular mailing list:

Advocate of Peace.
American Advance.
American Association for International Conciliation, Publications.
American Food Journal.
Bureau of Railway Economics, Bulletin.
Chicago Public Library, Book Bulletin.
Cleveland Public Library, Open Shelf.
Congressional Record.
Graduate Magazine, University of Kansas.
Home Mission Monthly.
Interstate Schoolman.
Kansas Farmer.
Kansas School Magazine.
Kansas State Board of Agriculture, Quarterly Bulletin.
Kansas Board of Control of State Charitable Institutions, Bulletin.
Kansas State Board of Health, Bulletin.
Lookout.
Michigan State Library, Quarterly Bulletin.
Milwaukee Bureau of Economy and Efficiency, Bulletin.
Missionary Link.
Missionary Tidings.
Neglected Arabia.
New York Libraries.
New York School of Philanthropy, Library Bulletin.
Northwestern Magazine (Northwestern University).
Pan-American Union, Bulletin.
Short Ballot Bulletin.
Spirit of Missions.
United Presbyterian.
United States Public Documents. (Library is official depositary.)
Vermont Library Commission, Bulletin.
Woman's Journal.
Woman's Work.
World Peace Foundation, Pamphlet Series.

KANSAS NEWSPAPERS.

The following Kansas newspapers are on file at the Library by the generosity of the publishers, and are a source of pleasure to students:

Abilene, Democrat.
Admire, Northern Star.
Allen, Enterprise.
Alma, Enterprise.
Alma, Signal.
Americus, Greeting.
Anthony, Bulletin.
Anthony, Republican.
Ashland, Clipper.
Augusta, Daily Gazette.
Belle Plaine, News.
Beloit, Gazette.
Bison, Bee.
Burlingame, Osage County Chronicle.
Burlington, Independent.
Burlington, Republican.
Burns, Citizen.
Burr Oak, Herald.
Cassoday, Times.
Chanute, Times.
Chetopa, Advance.
Cimarron, Gray County Beacon.
Clay Center, Dispatch.
Clay Center, Times.
Clyde, Republican.
Colby, Tribune.
Columbus, Modern Light.
Concordia, Daily Blade.
Concordia, Kansan.
Council Grove, Guard.
Council Grove, Republican.
Courtland, Comet.
Dexter, Dispatch.
Dodge City, Globe.
Dodge City, Kansas Journal.
Douglass, Tribune.
Downs, Times.
El Dorado, Walnut Valley Times.
El Dorado, Daily Republican.
Elk City, Sun.
Ellsworth, Reporter.
Emporia, Times.
Erie, Record.
Erie, Sentinel.
Esbon, Times.
Eskridge, Tribune-Star.
Eureka, Democratic Messenger.
Eureka, Herald.
Florence, Bulletin.
Fort Scott, Daily Republican.
Fort Scott, Weekly Republican.
Fredonia, Herald.

Fredonia, Wilson County Citizen.
Galena, Weekly Republican.
Garnett, Evening News.
Garnett, Journal-Plaindealer.
Girard, Appeal to Reason.
Great Bend, Tribune.
Greenleaf, Sentinel.
Hanover, Democrat.
Hays, Ellis County News.
Hays, Free Press.
Hays, Republican.
Hiawatha, Herbert's Weekly.
Hillsboro, Vorwarts.
Holton, Recorder.
Holton, Signal.
Home City, Tribune.
Howard, Courant.
Howard, Elk County Citizen.
Humboldt, Daily Herald.
Hutchinson, News.
Independence, South Kansas Tribune.
Iola, Daily Register.
Jetmore, Republican.
Junction City, Republic.
Kelseyville, Calif., Sun.
Kingman, Journal.
Kingman, Leader-Courier.
La Cygne, Weekly Journal.
Larned, Chronoscope.
Larned, Tiller and Toiler.
Latham, Mirror.
Lawrence, Daily Journal-World.
Leavenworth, Daily Post.
Leavenworth, Daily Times.
Lebanon, Times.
Liberal, News.
Lincoln, Republican.
Lincoln, Sentinel.
Longford, Leader.
Longton, Gleaner.
Lyndon, Osage County Democrat.
Lyndon, People's Herald.
Lyons, Central Kansas News-Democrat.
McPherson, Democrat.
McPherson, Weekly Republican.
Madison, Spirit.
Manhattan, Republic.
Mankato, Western Advocate.
Marion, Record.
Marion, Review.
Marysville, Marshall County News.
Meade, Meade County News.
Medicine Lodge, Barber County Index.
Medicine Lodge, Cresset.
Melvern, Review.
Meriden, Ledger.
Moline, Gazette.
Moline, Review.
Mound City, Linn County Democrat.
Mound City, Linn County Republic.
Mulvane, News.
Muskogee, Okla., Daily Phœnix.
Neodesha, Register.
Ness City, News.
Newton, Evening Kansas-Republican.
Newton, Herald.
Newton, Journal.
Norcatur, Dispatch.
Norton, Courier.
Oak Hill, Gazette.
Olathe, Kansas Star.
Olathe, Mirror.
Osage City, Free Press.
Oskaloosa, Independent.
Otis, Reporter.
Ottawa, Daily Republic.
Ottawa, Weekly Herald.
Paola, Miami Republican.
Parker, Message.
Parsons, Daily Sun.
Pawnee, Okla., Times-Democrat.
Peabody, Gazette.
Peabody, Herald.
Plainville, Gazette.
Pleasanton, Observer-Enterprise.
Pratt, Republican.
Pratt, Union.
Randolph, Enterprise.
Republic, News.
Russell, Record.
St. John, Weekly News.
Salina, Journal.
Salina, Semi-weekly Journal.
Sedan, Times-Star.
Seneca, Tribune.
Sharon, Sharon Valley Times.
Simpson, News.
Spearville, News.
Stafford, Courier.
Sterling, Bulletin.
Sterling, Farm Journal.
Stockton, Review.
Strong City, News-Courant.
Summerfield, Sun.
Thayer, News.
Toronto, Republican.
Troy, Weekly Kansas Chief.
Valley Falls, Eastern Kansan.
Valley Falls, Farmer's Vindicator.
Walnut, Advance.
Washington, Republican-Register.
Waterville, Telegraph.
Wathena, Republican.
Wathena, Times.
Wellington, People's Voice.
Westmoreland, Recorder.

Westmoreland, Signal.
Westphalia, Times.
White Water, Independent.
Wichita, Daily Eagle.
Wilsey, Weekly Warbler.
Winona, Logan County News.
Yates Center, Woodson Co. Advocate.

SUMMER SCHOOL.

The summer term is designated the first term of the school year and work is organized in all departments as in the other terms. Credits may be made to apply to the regular course to cover one-fourth of a year's work. The library, laboratories and all buildings are open for the use of students. The fees are the same as for any other term. There are many special features arranged to meet the needs of teachers—teachers' review courses, opportunities for observation in the Training School and in the Model District School, inspirational lectures, a full faculty of specialists, all affording a splendid opportunity for summer work.

The courses to be offered in the summer term of 1913 are indicated in the description given of the several courses. The opening date is June 5.

STUDENTS' LOAN FUND.

The class of 1899 made a gift of $111.60 to be used as a fund for aiding students. The fund was put in the care of a board of trust composed of the president, vice president, and the head of the department of physics and chemistry. Students who are within one year of graduation have preference in securing loans. When their needs have been met other students may secure loans in order of seniority. The plan proved to be satisfactory, and several other classes have added to the fund. Following is a statement of the fund to date:

Class of 1899	$111 60
Class of 1900	107 56
Class of 1901	141 65
Class of 1905	27 50
Class of 1908	235 00
Class of 1909	162 96
Class of 1910	180 00
Class of 1911	107 16
Total gifts	$1,072 93
Interest accrued to April 1, 1912	422 54
Present value of the fund	$1,495 47

The making of loans is in the hands of the committee above mentioned, of which Prof. T. M. Iden is treasurer. Students interested should report to him.

CHAPEL EXERCISES.

The chapel exercises are held daily from 10 to 10:30. The exercises on Monday are for all students; those on Tuesday and Thursday for College students, and those on Wednesday and Friday for the students of the Secondary School. Attendance is required.

MUSIC.

For information concerning courses in public school music and requirements for a certificate and a diploma, consult index.

For instruction in instrumental music, voice culture, theory and history of music, also outlines of courses leading to a certificate and a diploma, consult index.

Student Organizations.

The Young Men's Christian Association.

A flourishing organization, with a full-time secretary who has general charge of the work of the association and coöperates with the authorities of the institution in matters pertaining to the moral and social welfare of students. The secretary has charge of the employment bureau for young men, and in connection with the Registrar's office other matters affecting the convenience and personal help of students.

The Young Women's Christian Association.

Employs a secretary, under whose charge is the employment bureau for young women, and who in addition to her functions as association secretary coöperates with the Dean of Women in matters relating to the personal and social interests of the young women.

Debating Societies.

Debate seems to have taken the lead, at least as regards the number of organizations. At present there are four separate societies for young men specially interested in this work, namely, the Alpha Senate, the Representative, the Jayhawker, and the Ingalls. The interstate debates are under the auspices of the Alpha Senate. For Several years there has been held a dual debate with Iowa.

Dramatic Art.

This is managed by the department of Oral English and each year a play of high order is put on in a manner that only long and careful training makes possible.

The Oratorical Association.

It is organized on a College basis. The nucleus of the organization is composed of four members from each of the four College classes, who are elected by the classes early in the second

term. These sixteen members then constitute the body which elects other members. Any member of the School is eligible upon election and compliance with the constitution. This Association has charge of the local oratorical contests, and the interstate, when the latter is held in Emporia. The record of the contestants from this School is a good one. Of the fifteen contests in which our representatives have taken part in the Interstate Normal League, they have been awarded four firsts, six seconds, three thirds, one fourth and two fifths. The Association was represented in the Interstate Normal contest at Emporia by Earl V. Shinn, who was awarded third place. The contest for 1913 will be held in Normal, Ill.

Musical Organizations.

Several are maintained and are under the general direction of members of the Music Faculty.

The Athletic Association.

It is composed of students, with a board of directors made up of student and Faculty members, and meets regularly once a month. Students who are members of the Association are entitled to participate in all athletic sports of the School. This includes football, baseball, basket-ball, track and tennis, and is all under the direction of the physical training department.

The State Normal Bulletin.

A student publication is issued weekly from September to June. The editor, associate editor and two business managers are elected by the student subscribers.

THE COLLEGE.

(39)

The College Faculty.

JOSEPH H. HILL,
President of the State Normal School.

J. H. GLOTFELTER,
Vice President of the State Normal School.

THOMAS M. IDEN,
Dean of the College.

Arts.

EMMA L. GRIDLEY, Professor of Drawing.
HERBERT HILL BRAUCHER, Professor of Manual Training.
BETH WARNER MULL, Professor of Home Economics.
GERTRUDE FLINN, Instructor in Home Economics.

Biological Sciences.

LYMAN C. WOOSTER, Professor of Zoölogy and Geology.
LOTTIE E. CRARY, Professor of Botany.
FRANK W. WHITE, Professor of Physiology and Hygiene.

Commerce.

LEONARD A. PARKE, Professor of Commerce.
CELIA MANNING, Instructor in Commerce.

English.

EVA MCNALLY, Professor of Rhetoric.
ANNABELL NEWTON, Instructor in English.

Geography.

DANIEL A. ELLSWORTH, Professor of Geography.

History Group.

MARY A. WHITNEY, Professor of American History.
PELAGIUS WILLIAMS, Professor of European History.
WALTER R. SMITH, Professor of Economics and Sociology.
CHARLES E. HILL, Professor of Political Science.

Languages.

WILLIAM L. HOLTZ, Professor of Latin.
LILLIAN M. DUDLEY, Professor of Modern Languages.

Library Science.

WILLIS H. KERR, Professor of Library Science.
GERTRUDE A. BUCK, Professor of Library Science.

Mathematics.

FISKE ALLEN, Professor of Mathematics.
GEORGE W. ELLIS. Associate Professor of Mathematics.

Music.

HENRY D. GUELICH, Director of the Department of Music and Professor of the Theory and History of Music.

FRANK A. BEACH, Professor of Public-school Music, Voice Culture, and Chorus.

ERNEST G. HESSER, Professor of Public-school Music.

Pedagogy, General.

NORMAN TRIPLETT, Professor of Psychology and Philosophy.

EDGAR F. RILEY, Professor of School Administration.

A. MONROE STOWE, Professor of History of Education and Philosophy of Education.

J. R. JEWELL, Professor of Secondary Education.

H. M. CULTER, Professor of Rural-school Administration.

J. H. GLOTFELTER, Director of the Training School.

ACHSAH M. HARRIS, Professor of Elementary Education.

Physical Sciences.

THOMAS M. IDEN, Professor of Chemistry.

WALTER G. LEWIS, Professor of Physics.

Physical Training.

PAUL B. SAMSON, Director of Physical Training.

FRANK W. WHITE, Professor of Physiology and Hygiene and acting Director of Physical Training for Men.

MIRIAM THAYER, Director of Physical Training for Women.

Speech Arts.

ROWLAND H. RITCHIE, Professor of Speech Arts.

CAROLINE M. MEDDERS, Professor of Speech Arts.

REGISTRATION AND ENROLLMENT.

Students who are graduates of approved high schools or other preparatory schools of good standing should go to the office of the Dean of the College, Main Building, who in connection with the student's adviser will direct the student in the selection of work. Registration days are designated in the school calendar printed on an earlier page of this catalogue. Students should register on these days, and enter upon the work of their classes the opening day. It is not probable that credits can be earned if students register later. In addition to the subjects assigned, the student may visit the work of other classes, but this work also must be listed on the program and receive the approval of the student's adviser and the Registrar. All students must be registered. No credits will be entered upon the records of the institution for which formal registration has not been made. Students registered as visitors will pay the usual fees.

ADMISSION.

Students are admitted to the first year of college work upon the satisfactory completion of fifteen units of work in the Secondary School of the State Normal School, or in an approved high school or other preparatory school of good standing. A transcript of the record of the student certified to by the principal should be sent to the Registrar as early as July 1 if the student wishes to enter the following September, and as early as June 1 if the student wishes to enter for the summer term. The transcript should indicate the textbooks studied, the number of recitations per week, the length of the school year, and the class standing. Students should not send or present diplomas unless they enumerate the subjects studied and passed. Students who have done college work in reputable institutions may be given advanced college standing so far as the work they have done applies on the courses of study of this institution.

CERTIFICATES FOR SPECIAL PROFICIENCY.

Candidates for the completion of the two-year life certificate course desiring a certificate of proficiency in primary teaching must, in addition to the required work of the life certificate course, complete from the following subjects a sufficient number of hours to make up the sixty-four hours required for the life certificate:

Primary Methods	4 hrs.	School Hygiene and Physical Training	2 hrs.
Drawing	4 hrs.	Geography	2 hrs.
Child Psychology	2 hrs.	Reading	2 hrs.
Story Telling	2 hrs.	Arithmetic	2 hrs.
Music	4 hrs.	Play and Playground Games	2 hrs.
Nature Study	2 hrs.		

Candidates for the completion of the two-year life certificate course desiring a certificate of proficiency in intermediate or grammar grade teaching must, in addition to the required work of the life certificate course, complete from the following subjects a sufficient number of hours to make up the sixty-four hours required for the life certificate:

Psychology of Adolescence, or Child Psychology	2 hrs.	Geography	2 hrs.
Drawing	4 hrs.	Grammar	2 hrs.
Music	4 hrs.	History	2 hrs.
Manual Training	2 hrs.	Civics	2 hrs.
Reading	2 hrs.	Nature Study	2 hrs.
Arithmetic	2 hrs.	Elementary Agriculture,	2 hrs.

Candidates for the completion of the two-year life certificate course desiring the kindergarten life diploma will elect the following courses in addition to the required work of the life certificate course:

Kindergarten Methods and Materials	2 hrs.
Froebel's Educational Theories	2 hrs.
Children's Literature	3 hrs.
Story Telling	3 hrs.
Play and Playground Games	2 hrs.
Music	4 hrs.
Drawing	4 hrs.

THREE-YEAR STATE CERTIFICATE.

The three-year state certificate is given upon the completion of thirty-two hours of college work, which is outlined under the head of "Certificates and Diplomas" on an earlier page of this catalogue.

LIFE CERTIFICATE.

On completion of the two-year College course a diploma is issued which, without any further inspection or approval, is a life certificate to teach in the public schools of Kansas, including those of all classes of cities and high schools. Students completing the work in any term of the year are entitled at once to the legal privileges incident to graduation; but, excepting those completing work in August, are listed with the class of the succeeding June, and their diplomas are usually issued at the June commencement. Students completing the work in August will be listed with the class of the preceding June. The roll of the class for graduation is made up the first of April, nine weeks prior to commencement, and all work except such as is included on the student's program for that semester must be completed by that time in order that students may be listed for graduation with the class. Candidates for August graduation should be listed as such one week prior to the commencement exercises in June.

DEGREE.

The completion of the four-year College course entitles the graduate to the degree of bachelor of arts (in education). The diploma given has the same legal force as a life certificate as has the diploma of the two-year College course.

No diploma is granted for less than a year's residence.

Definite arrangements have already been made for the acceptance of students completing this course as graduate students and candidates for higher degrees in representative universities ranking among the very best of this country.

COLLEGE CREDIT.

College credits are estimated in hours. An hour of credit is earned by the student who carries a course one semester in a class meeting once a week. Likewise, an hour of credit is earned by the student who carries a course a half semester, the class meeting twice a week. There are but few courses in which the credit is only one hour, but this serves as the basis for determining the credit value of courses of greater credit.

MAJOR.

A major represents thirty hours of work in one department, or by consent of the heads of closely related departments the work in those departments. In those departments where there are prescribed courses these courses are a part of the major, except in the General Pedagogy group twenty hours in addition to the prescribed courses are regarded as completing a major. The head of the department in which most or all of the major work is done is regarded as the student's adviser.

STUDENT-FACULTY COUNCIL.

There was established for the College, in November, 1910, a Student-Faculty Council for the consideration of such questions pertaining to school life and the general student welfare as may by action of the President of the School or by vote of the Faculty be referred to it, either for discussion and recommendation or for final action, as may be suggested in the reference. There are seven Faculty members, including the President and Vice President of the School and the Dean of Women as *ex officio* members. The remaining members are selected by the Faculty, in such manner as they may determine, from the list of full professors, on the second Tuesday of the second term of each school year. The four members selected for the year 1911-'12 are Dean Iden, and Professors Triplett, Allen and Whitney. Meetings of the Council are announced.

*The Courses of Study.**

FRESHMAN YEAR.

First Semester.		Second Semester.	
Required:		*Required:*	
Advanced Algebra and its Applications	4 hrs.	Physics or Chemistry	4 hrs.
College Rhetoric and Composition	3 hrs.	Elements of Literature or Nineteenth Century Literature	3 hrs.
Psychology	2 hrs.	General Methods and Observation	3 hrs.
Library Methods	1 hr.	Physical Training	1 hr.
Physical Training	1 hr.		

Select from the following electives five to seven hours.

Latin	5 hrs.	Latin	5 hrs.
German or French	5 hrs.	German or French	5 hrs.
Drawing	2 hrs.	Drawing	2 hrs.
Music	2 hrs.	Music	2 hrs.
Agriculture	2 hrs.	Agriculture	2 hrs.
Physiology	3 hrs.	Geography	3 hrs.
Botany or Zoölogy and Geology	4 hrs.	Bacteriology	4 hrs.
Speech Arts	3 hrs.	Speech Arts	3 hrs.
European History	3 hrs.	European History	3 hrs.
American History	3 hrs.	American History	3 hrs.
Commerce	3 hrs.	Commerce	3 hrs.
Domestic Science or Art,	2 hrs.	Domestic Science or Art,	2 hrs.
Manual Training	2 hrs.	Manual Training	2 hrs.
Government	3 hrs.	Economics or Sociology,	3 hrs.
Library Science	2 hrs.	Library Science	2 hrs.

* It is required that all students completing the life certificate course and who are not candidates for a certificate of special proficiency take at least eight hours in one of the groups offered in the several departments as major groups for the completion of the full four-year course. The selection of the major should be made not later than the opening of the Sophomore year, and must be made by the middle of the year, the head of the department in which the major is taken becoming the student's adviser.

SOPHOMORE YEAR.

First Semester. *Required:*		Second Semester. *Required:*	
Psychology	4 hrs.	[2] Grades School Administration, or Modern Educational Problems	2 hrs.
Field Zoölogy, Animal Life, Agricultural Zoölogy, Systematic Zoölogy, Geology of Kansas, Geology of the United States.—Select	4 hrs.	Practice Teaching	4 hrs.
Political and Constitutional History of the United States, 1789-1817; The American Colonies or History of Western Europe—select	3 hrs.	[3] Special Methods	6 hrs.
Physical Training	1 hr.	Physical Training	1 hr.
From major or from electives taken from departments indicated above as offering either required or elective work	4 to 6 hrs.	From major or from electives taken from departments indicated above as offering either required or elective work	3 to 6 hrs.

Sixteen hours is the regular and eighteen hours the maximum amount of work per semester in the Freshman and Sophomore years.

Courses in Special Methods:

The credit value of each is two hours.

Reading.	History.
Arithmetic.	Government.
Geography.	Nature Study.
Grammar.	Elementary Agriculture.

JUNIOR YEAR.

First Semester. *Required:*		Second Semester. *Required:*	
Secondary School Administration	3 hrs.	Educational Psychology or Psychology of Adolescence	3 hrs.
History of Modern Education	3 hrs.	Principles of Education,	3 hrs.
Major	5 hrs.	Major	5 hrs.
Elective	4 hrs.	Elective	4 hrs.

SENIOR YEAR.

First Semester. *Required:*		Second Semester. *Required:*	
Practice Teaching	4 hrs.	Major	5 hrs.
Major	5 hrs.	Elective	10 hrs.
Elective	6 hrs.		

2. Required for life certificate, elective for degree.
3. To be selected from the several Special Methods courses.

Outline of Instruction.

THE ARTS.

DRAWING.

Miss GRIDLEY, Mrs. ECKDALL.

1. FREE-HAND DRAWING. *Two hours credit.* Each semester.

First semester, at 8, 9 and 10:30, daily; second semester, at 8 and 9; summer term, at 8 and 9.

Free-hand drawing, with pencil, charcoal and crayon—principles of perspective—elementary composition. Open to College students.

2. LIGHT AND SHADE. *Two hours credit.*
Each semester, and summer term.

First and second semesters, at 8 and 10:30, daily; summer term, at 10:30 and 11:30, daily.

Light and shade, with pencil, charcoal and brush. Study of color values—composition. Open to College students who have completed course 1, or its equivalent.

3. ELEMENTARY WATER COLOR.
Two hours credit. Each semester.

First semester, at 9 and 11:30, daily; second semester, at 11:30, daily; summer term, at 8 and 10:30, daily.

Prerequisites, free-hand drawing; light and shade, or the courses in elementary free-hand drawing.

Each of the courses 1, 2 and 3 requires for preparation and criticism of work five hours a week during the semester.

4. BLACKBOARD ILLUSTRATION AND PRIMARY HAND WORK.
Four hours credit. Each semester.

Daily, at 9; summer term, M. T. W. Th., at 11:30.

Practice in blackboard illustration, using chalk, charcoal and colored crayons. Primary water color, design, weaving, modeling, paper cutting, and other practical hand work for use in the lower grades. Open to all students.

5. PICTURE STUDY IN THE GRADES. *Two hours credit.*
First semester, and summer term.

First semester, T. Th., at 11:30; summer term, M. T. W. F., at 11:30. Open to all students.

6. ADVANCED FREE-HAND DRAWING AND METHODS.
Two hours credit. Second semester.

T. Th., at 11:30.

Advanced free-hand perspective and methods of teaching drawing. Adapted to be of practical value to teachers in grammar grades and high schools.

7. DECORATIVE AND CONSTRUCTIVE DESIGN.
Four hours credit. Second semester.

M. T. W. F., at 3.

Historic ornament and design. Making original designs to be worked out in metal; also, designs applied to fabrics by the stencil and block-printing process. Original decorative wash drawings, color harmonics, lettering.

8. HISTORY OF ART I. *Four hours credit.* Each semester.

M. T. W. F., at 10:30.

History of painting.

9. HISTORY OF ART II. *Two hours credit.* First semester.

T. Th., at 11:30.

History of ancient architecture.

9*a*. HISTORY OF ART III. *Two hours credit.* Second semester.

T. Th., at 11:30.

History of ecclesiastical architecture.

10. HISTORY OF ART IV. *Two hours credit.* Second semester.

T. Th., at 11:30.

History of sculpture.

NOTE.—History of Art courses are open to all college students.

11. CLAY MODELING. *Two hours credit.* First semester.

T. Th., at 3.

Clay modeling and plaster casting. Open to all students.

12. ART APPRECIATION. *Three hours credit.* Second semester.

M. W. F., at 10:30.

A course in art appreciation. Open to students having completed courses 5, 8 or 10.

13. ADVANCED LIGHT AND SHADE.
Four hours credit. Each semester, and summer term.

M. T. W. F., at 9.

Advanced work in light and shade in wash drawings and charcoal. Studies are made from the cast and still life. Prerequisites, courses 1*a* and 2*a*.

14. ADVANCED WATER COLOR. *Four hours credit.*
Each semester, and summer term.

M. T. W. F., at 9.

Studies in landscape, fruit, flowers and still life. Prerequisites, courses 1, 2 and 3.

15. MECHANICAL PERSPECTIVE. *Two hours credit.*

Hours and days of meeting to be arranged. Prerequisite, course 1.

16. BASKETRY. *Two hours credit.* First semester.

T. Th., at 3.

Open to all students.

HOME ECONOMICS.

Household Art.

Miss FLINN.

Beginning courses for students of college rank are listed in the work of the Secondary School. The summer term courses will be determined by the demand. In all household art courses the student furnishes her own materials, except in hand sewing, where a laboratory fee of 75 cents is charged to cover materials used from laboratory supplies.

3. ADVANCED HAND SEWING.
Four hours credit. Each semester.

M. T. W. Th., at 9.

Elective. A prerequisite to all succeeding household art courses. The aim is to teach students to be able to do accurate, durable hand work, neatly, skillfully and quickly. This includes general instructions about the implements used in hand sewing; the proper position of the body and use of the eyes while sewing; as well as a full course in practical needlework, including the different stitches, both useful and ornamental, their uses and combinations; putting in insertions, laces, embroideries; and the application of these to useful articles; the organization of the material offered in the course and plans for presentation in the public schools.

4. MACHINE WORK AND PLAIN SEWING, AND PATTERN DRAFTING.
Four hours credit. Each semester, and summer term.

M. T. W. F., at 10:30; summer term, M. T. W. F., at 10:30 to 12:20.

Prerequisite, hand sewing. Elective. Required of all students majoring in household art. A prerequisite for course 5. This course consists of a study of the use of patterns, taking of measurements, and the drafting of

patterns for aprons and underwear; tests for shrinkage, strength of warp and woof of threads, for filling; planning of garments, and careful estimation of amount of material necessary; instruction in the care and use of the sewing machine; cutting, fitting and making of cooking apron, corset cover, drawers, underskirt or princess slip, and nightdress, showing in their finished work an application of the steps taught in course 3. A complete course in drafting and designing of patterns for waists, skirts and dresses, in preparation for course 5.

5. DRESSMAKING. *Four hours credit.* Each semester.

M. T. W. F., at 11:30.

Prerequisite, elementary water color, and household art 4, plain sewing. Elective. Required of all students majoring in household art. A study of all materials and trimmings suitable for dresses; shrinkage or any special treatment before and cautions to be observed while sewing the different materials. Plan, design and draft patterns suitable for the four dresses to be made—plain house dress, tailored dress, afternoon dress, and fancy dress. Consideration of color and adaptation of materials, proportions and individual styles. All experiences of the course lead to the development of judgment, originality and self-reliance in the selection of neat, serviceable dresses.

6. MILLINERY AND ART NEEDLEWORK.

Four hours credit. First semester.

M. T. W. F., at 2.

Prerequisites, drawing 3, water color, and first half of drawing 7, constructive and decorative design.

Elective. This course is designed to familiarize the students with the simple stitches used for the finishing or decoration of articles of clothing or house furnishings. The course includes scallops and dots, various ways of padding and their application, outline, eyelet, French embroidery, drawn work, Oriental weaving, darning, applique, cross-stitch, Wallachian, Hardanger, cut work, Bermuda, crocheting and knitting.

7. ART NEEDLE WORK AND MILLINERY.

Four hours credit. Second semester.

M. T. W. F., at 2.

Prerequisite, drawing 3, water color. Elective. An attempt is made to develop judgment and skill in renovating and cleaning all millinery materials; altering or remodeling of hats or bonnets used before; the creating of

simple models from new and inexpensive materials, and a study of the different millinery stitches, bows, rosettes, etc. An attempt to develop skill in the handling of the materials and taste in their selection and combination. A study of styles, both fall and spring; individual styles; suitability of materials. Designing and making of frames of wire and buckram; covering of frames, lining of hats, draping and trimming of hats.

9. TEXTILES. *Two hours credit.* Second semester.

T. Th., at 2.

Elective. Required of all persons majoring in and expecting to teach household art. A prerequisite to household art 8, special methods. All through the courses in sewing a careful study is made of the textile fibers, the history and manufacture of the materials used, as a help to judgment in buying; always considering wearing quality, adaptability to use, permanence of color, and harmony of design to the particular uses for which they are intended. A study of the preparation of fibers, spinning and weaving. Kinds of looms, weaves, and kinds of cloth in which used—plain twill, sateen, rib, and basket. Study of fibers—vegetable fibers, animal fibers, mineral fibers. Special study of cotton, flax, silk and wool. Comparison as to prices, appearance, uses and wearing qualities. Study of dyes and dyeing processes, and their effect upon the fibers. Identification of materials, and their intelligent buying and use.

Household Science.

EQUIPMENT OF STUDENT:

Students must be supplied with at least two each of the following articles:

White princess aprons.

White plain half-sleeves.

White or unbleached crash holders, 6 x 8 inches.

White or checked hand towels made of linen cup toweling, 18 inches square.

Students must also be supplied with wash dresses, or at least wash shirt waists, for the laboratory, and should have at least one white shirt-waist suit.

FEES: The laboratory fees for courses 12 and 13 are $6 per semester. Fees for course 14 are $3 for the semester; for course 15, $6 for the semester; for course 19, $2 for the semester.

10. FOODS. *Two hours credit.*
Second half second semester, and summer term.
Recitation, T. Th., at 3; laboratory, 2 to 4, M. W. and F.
Elective. This course is designed to meet the needs of rural teachers who desire some general knowledge of foods in order to do some domestic science teaching in their schools. It is also a desirable course for housekeepers.

11. TEACHERS' COURSE. *Two hours credit.* Summer term.
M. T. W. Th., at ——.
Elective. This course is planned to meet the needs of rural teachers, and deals with some of the problems of home and school sanitation during the first half of the term, the last half of the work being devoted to plans for simple lessons to be given in country schools and plans for equipment for such teaching.

12. SELECTION AND PREPARATION OF FOOD. *Four hours credit.*
Second half second semester.
Recitation, T. Th., at 4; laboratory, M. W. F., at 4 to 6.
Elective. Prerequisites, physics; chemistry; physiology; secondary and advanced general systematic zoölogy, and Freshman botany.
This course contains a study of the kitchen, plan, equipment, standard measures, fuels and temperatures; nature and uses of food; source, condition, chemical composition and function in the body; the food principles, with special study of the economic and æsthetic value, and principles governing selection, preparation and manipulation of foods. Proteids, fats, water, mineral water. Demonstrations.

13. ECONOMIC USES OF FOODS.
Four hours credit. First semester.
Recitation, T. Th., at 4; laboratory, M. W. F., at 4 to 6.
Prerequisites, the same as for course 12, course 12, qualitative analysis. Elective. The course includes a study of food preservation and reasons for the same, and methods of its accomplishment; uses of preservatives; bacteriology and its relation to food preservation, carbohydrates, classes chemical composition, digestion, and application of heat in their preparation for the table; bread and the principles of bread making; food values and nutriment equivalents; the preparation of meals, their proper service and cost.

14. DIETETICS. *Four hours credit.* Each semester.

M. T. W. F., at 9.

Prerequisites, home economics 12 and 13, and their prerequisites; qualitative analysis; physiology of alimentation and dietetics, and household bacteriology. Elective. The course includes the study of nutrients found in various foods; the proper balancing of meals; discussion of the healthful diet for persons in normal condition of health but differing in occupation; influence of climate and season upon needed changes in diet; diet in disease; effect of various food constituents upon any one disordered digestive agent; invalid cookery.

15. SERVING. *Two hours credit.* Second semester.

Recitation on M., at 10:30; laboratory, W. F., at 10:30 to 12:20.

Prerequisites, household science, and home economics 12 and 13 or 10. In this course attention is given to the preparation of full meals for varying numbers of persons. The balancing of the meals; æsthetic cookery and serving; various methods of serving—buffet, caffeteria, table service, the dining room, table equipment, proper service of meals differing in type and formality. Emphasis is placed on the æsthetic and economic sides of the selection and preparation of the materials.

16. THE HOUSE AND THE HOME.

Four hours credit. First semester.

M. T. W. Th., at 11:30.

Prerequisites, elementary mechanical drawing, elementary water color, and decorative and constructive design, first half.

Elective. This course is a series of general lessons in home keeping. A study of the house, its location, lighting, ventilation, plumbing, drainage, water supply, plan. A study is made of cleansing agents, sanitation, fumigation, household pests; the home, the family, its evolution, its relation to the home; the house interior, bathrooms, sinks, cellars, ice chests, carpets, furnishing, hangings, color harmonies, cost of materials, and plans and color schemes for interiors.

17. SPECIAL METHODS IN HOME ECONOMICS.

Three hours credit. Each semester.

M. W. F., at 8.

Prerequisites, home economics 3, 4, 5 and 9, or 12, 13, 14 and 16, but all of these, should the student be majoring. This course includes methods in both sewing and

cooking, and is required of all persons expecting to be recommended from the department as household science or household art teachers. It includes a study of the history of home economics, and the history and growth of domestic science and art education, together with studies in equipment and supplies, courses of study, and lesson plans. Three hours per week for ten weeks, followed by practice teaching three hours per week for ten weeks in the grades of the Training School or in the secondary classes.

18. HOUSEHOLD MANAGEMENT.

Two hours credit. Second semester.

T. Th., at 9.

The course offers study and experience in marketing, weights, choice of materials, judgment of values, keeping of accounts, simple tests for adulterants of both textile and food products; the choice and value of various household conveniences; plans for economy of time, strength, and money; the care and protection of household supplies.

MANUAL TRAINING.

Professor BRAUCHER.

Beginning courses for students of College rank are listed in the work of the Secondary School.

I. THEORY AND PRACTICE.

Two hours credit. First semester.

T. Th., at 2.

An additional course required of students expecting to apply for the manual training certificate. It includes assigned readings, reports and discussions on the history, development and present practice in manual training in education, with some consideration of courses of study, equipments, supplies, textbooks, etc. Beginning courses for students of college rank are listed in the work of the Secondary School.

BIOLOGICAL SCIENCES.

ZOOLOGY AND GEOLOGY.

Professor WOOSTER.

Required, 4 hours. To meet this requirement, selection may be made among courses 1, 2, 3 and 4 zoölogy and 1 and 2 geology. Modifications of this requirement in the direction of selecting other courses of this department may be made on consultation with its head. The major of thirty hours may be selected from some forty hours' work offered by the department, listed below.

All subjects of this department requiring laboratory work will be offered each school day except Saturday. One or more of these days will be devoted to laboratory work and the remaining days of the week to recitation, both occurring at the same hour of the day.

The Science of Organisms—*Zoology.*

1. FIELD ZOÖLOGY. *Two hours credit.* First half first semester, last half second semester, and summer term.

   Classes meet in laboratory and recitation daily, at 8.

   This course is intended for those who have not taken an equivalent course in zoölogy in the high school, and desire to gain a knowledge of insects and birds for use in nature study, agriculture and other natural history work.

2. ANIMAL LIFE. *Two hours credit.*

   Second half first semester, first half second semester.

   Classes meet in laboratory and recitation daily, at 8.

   No prerequisites. This course is intended for the same class of students named in course 1 and gives an elementary study of animal development and ecology.

3. AGRICULTURAL BIOLOGY. *Two hours credit.*

   First half first semester, second half second semester.

   Classes meet in laboratory work and recitation daily, at 10:30.

   No prerequisite. This course treats of the care, kinds, feeding, good and bad qualities, and disposal of animals found on the farm; and of the soils, crops, fertilizers and diseases associated with them.

4. SYSTEMATIC ZOÖLOGY. *Two hours credit.*

   Second half first semester, first half second semester.

   Classes meet in laboratory and recitation daily, at 10:30.

   No prerequisite. This course embraces a study of the structure and functions of representative animals. Each pupil is expected to prepare a brief treatise on zoölogy.

5. DEVELOPMENT AND EVOLUTION OF ANIMALS.

   Four hours credit. Second semester.

   M. T. W. F., at 11:30.

   Prerequisite, course 4. This course, as the name implies, gives a study of the embryology, development and evolution of animals. Each member of the class must present orally or from manuscript a thesis on evolution at the close of the semester.

Environmental Science—*Geology.*

6. GEOLOGY OF THE UNITED STATES.
Four hours credit. Each semester.

Some knowledge of zoölogy is desirable as a preparation for the second half of this subject. Daily, at 9, in laboratory and recitation. This comprises a study of the dynamical, structural and historical geology of our country, and includes laboratory and field work. It is a very necessary preparation for the teaching of physical geography and for the full enjoyment of all natural scenery.

7. GEOLOGY OF KANSAS. *Two hours credit.* Summer Term.

Daily, at 9; in laboratory and recitation. No prerequisite. This brief course in Kansas geology comprises studies in soil, climate, forest, and the subjacent rock formations with their included forms of extinct life; and the geological work of wind, rain, air, moisture and running water, all with especial reference to understanding the physical features of our state.

The Scientific Method—*School Science.*

8. NATURE STUDY. *Two hours credit.* Summer term.

T. W. F., at 11:30.

No prerequisite. The course in nature study treats of the methods of teaching natural history in the grades, and will be illustrated with numerous nature study lessons.

9. HISTORY AND METHOD OF SCIENCE.
Four hours credit. First semester.

M. W. F., at 11:30.

This is a study of the contributions of those scientists who have aided materially in the development of science, all interpreted in the light of modern science; and closes with an investigation of the better methods of teaching the natural sciences, especially botany and zoölogy.

Bacteriology.

Mr. AGRELIUS.

10. HYGIENIC BACTERIOLOGY. *Four hours credit.* First semester.

Recitation M. T. W. F., Laboratory daily, 2-4.

No prerequisite. This is a general course in bacteriology. It includes the preparation and use of ordinary and special media and stains, and other bacteriological technique; and the distribution, dissemination, classification and identification of bacteria. Special attention is given to those forms causing disease in man and other animals.

and to immunity from these organisms; to water supplies; the disposal of sewage; and to individual and community hygiene.

11. AGRICULTURAL BACTERIOLOGY.

Three hours credit. Second semester.

M. W. F., 2-4, daily.

No prerequisite. This course consists chiefly of laboratory work, and includes methods of growing and staining bacteria; a study of the kinds of especial interest to the farmer because of their relation to soil formation and fertility, to disease in live stock, and to dairy and other farm products.

12. HOUSEHOLD BACTERIOLOGY.

Three hours credit. Second semester.

M. W. F., 2-4, daily. On Monday the class meets with the class in course 11.

No prerequisite. The course treats of the preparation of media for growing bacteria and molds; of the staining of these organisms; of their forms and functions; and of their relation to the home. It includes the preservation of fruit; the effects of bacteria on milk, butter and other foods; the location of wells and the care of the same; the disposal of wastes; and the lighting and furnishing of the home as affecting the health of its occupants.

Agriculture.

MR. PHIPPS.

13. FARM CROPS. *Two hours credit.*

Each half semester, and summer term.

M. T. W. F., at 2.

No prerequisite. The course includes a study of the development and improvement of grain crops, hay and leguminous crops and potato and root crops. Also a study of injurious weeds and insects, and seed testing and germination.

14. ANIMAL HUSBANDRY. *Two hours credit.*

Each half semester, and summer term.

M. T. W. F., at 8.

The course includes a study of types and breeds of farm animals, of judging and scoring of types of breeds, of poultry, and of soil fertility and maintenance.

15. FARM MANAGEMENT. *Four hours credit.* Each semester.

M. T. W. F., at 9.

Courses 13 and 14 are prerequisites. This course is offered to those who desire to teach high-school agriculture, and also to those who intend to manage a farm on leaving school. All phases of farm work will be studied.

16. SCHOOL GARDENING AND LANDSCAPE ART.
Two hours credit. Second semester.

T. Th., at 3.

Improvement of home and school grounds and school gardens are studied.

17. HORTICULTURE. *Two hours credit.* Second semester.

W. F., at 3.

Fruits, market-gardening and care of orchards are taken up. This course alternates with course 4, and may be taken with it.

BOTANY.

Miss CRARY.

1. FRESHMAN BOTANY. *Four hours credit.* First semester.

M. T. W. Th., at 11:30.

This is required of students classified in the College, electing botany, and who have not had the experience of one year of high-school botany. The course gives a general view of the plant kingdom from one-celled plants to the Compositæ.

2. ADVANCED FIELD BOTANY.
Three hours credit. Summer term.

Daily, at 9.

Prerequisite, Freshman botany. This course embraces recognition studies of type forms and families of plants.

3. ALGÆ. *Two hours credit.*
Second half second semester, and summer term.

M. T. W. F., at 11:30.

Required of students majoring in botany. Prerequisite, Freshman botany. This is a study of Algæ, fresh-water and marine.

4. FUNGI. *Two hours credit.* First half first semester.

M. T. W. F., at 8.

Required of students majoring in botany. Prerequisite, Freshman botany. This is a study of moulds, mushrooms, rusts, and parasitic flowering plants.

5. MOSSES AND FERNS. *Two hours credit.*
Second half second semester, and summer term.
M. T. W. F., at 9.
Prerequisites, Freshman botany and Algæ. This is a study of mosses and ferns and their allies, the scouring rushes, the club mosses, etc.

6. PLANT PHYSIOLOGY.
Two hours credit. Second half first semester.
M. T. W. F., at 9.
Prerequisites, general physiology, general chemistry, mechanics of fluids, and Freshman botany or its equivalent. This course embraces a study of the vital processes of plants, absorption, digestion, excretion, circulation, and should be accompanied by plant anatomy or be preceded by it.

7. PLANT ANATOMY.
Two hours credit. First half first semester.
M. T. W. F., at 9. Required of students majoring in botany.
Prerequisites, Freshman botany. This course covers a study of the structure of both flowering and nonflowering plants.

8. HISTORY OF BOTANY. *Two hours credit.* Summer term.
M. T. W. F., at ——.
Required of students majoring in botany. Prerequisites, advanced field, plant physiology, mosses and ferns. This course includes a survey of the development of the knowledge of plants, their structure and phenomena.

9. ECONOMIC BOTANY.
Two hours credit. Second half second semester.
M. T. W. F., at 10:30.
Elective for students majoring in botany. Prerequisites, Freshman botany, and advanced field botany. A study of the plants useful in the industries, origin of varieties, plants useful for food, etc.

10. BOTANICAL MICROTECHNIQUE.
Two hours credit. Summer term.
Six hours of laboratory per week, at 2 to 4, M. W. F.
Elective. Prerequisites, Freshman botany, Algæ, and plant physiology. This course introduces to methods making permanent mounts, and also temporary mounts useful in differentiating regions of stem, leaf, root, and thallus.

11. NATURE STUDY. *Two hours credit.* First half first semester.

M. T. W. F., at 10:30.

Required of students specializing in primary, intermediate and grammar grade teaching. This course seeks to determine the phases of plant life which may profitably be presented in the grades, and to discover effective modes of presenting such work; the literature of the subject available, etc.

PHYSIOLOGY AND HYGIENE.

Professor WHITE.

1. ADVANCED GENERAL PHYSIOLOGY.

Three hours credit. Each semester, and summer term.

M. W. F., at 10:30. Summer term, daily.

Prerequisite, a high school course in physiology. Some laboratory work will be included in this course and a detailed study of all the subjects included under human physiology. In addition to a careful discussion of the functions of the blood, lymph, digestive tract, nervous system, skin glands, respiratory organs, muscles, etc., conference topics will be assigned to each student during the course, on pertinent subjects, on which students will be asked to make special research and read the results of their investigation in class. Required for life certificate.

2. PHYSIOLOGY OF ALIMENTATION AND DIETETICS.

Two hours credit. Each semester.

T. Th., at 11:30.

Particular stress will be laid upon the study of the action of the enzymes, and the secretions of the glands of the stomach and intestines, also the secretions of the salivary glands and pancreas. The processes of the absorption, assimilation, emulsification, saponification and their relation to nutrition are studied in detail. The caloric value of the different constituents of food are given proper consideration, and the proper amount of each constituent in a daily diet with relation to the amount of physical or mental work done.

3. HYGIENE AND SANITATION AND HOME NURSING.

Two hours credit. Each semester.

M. W. F., at 11:30.

A course dealing with the practical phases of hygiene and sanitation as it affects the conditions under which we live and exist. A few of the subjects taken up will be as follows: Air, humidity, and its effect on health; ventilation, natural and artificial, also rules for; dust; heating systems, methods, etc.; water—composition, properties,

kinds, impurities, purification systems, filtration, sedimentation, reservoirs, watersheds, chemical tests, etc.; sewage removal, disposal plants, plumbing; garbage disposal, collection; food—adulterants, laws applying, preservatives, energy value, etc.; exercise; clothing; personal hygiene; industrial hygiene, effects of certain occupations, etc., length of working day, etc.; school-hygiene, site, structure, windows, blackboards, cubic capacity per student, medical inspection of, etc.; military hygiene; naval hygiene; soil; habitations—site, walls, foundations, roof; flies, mosquitoes, etc.; disease—epidemics, immunity, susceptibility, vaccination; disinfection—methods, materials, etc.; quarantine—laws and customs in different localities; vital statistics.

5. FIRST AID TO THE INJURED.

One hour credit. First half each semester.

T. Th., at 8.

A new course in emergencies and first aid to the injured is offered. This course will take up the important points under anatomy which are necessary, and a discussion of germs and infection, followed by a consideration of inflammation, its causes and symptoms. Briefly, the following conditions will be considered: First aid materials, antiseptics, splints, tourniquets, shock, bruises, sprains, dislocation, fractures, burns of all kinds, hemorrhage, unconsciousness, convulsions, poisoning, sunstroke, frostbite, electric shocks and lightning, hiccough, corns, chilblains, etc. Artificial respiration after drowning accidents will be carefully taught; also thorough practice in all kinds of bandaging.

6. HISTOLOGY. *Two hours credit.* First semester.

T. Th., at 10:30.

A study of the structure of the organs and tissues of the body, both macroscopic and microscopic, including the glands, blood vessels, muscles, nerves, skin, kidney, liver, stomach, pancreas, spleen, etc. Laboratory work will be an integral part of the course.

7. HUMAN ANATOMY. *Five hours credit.* Second semester.

Daily, at 9.

Study of the bones, muscles, and internal organs. A comprehensive study is made. Prerequisite, advanced physiology.

COMMERCE.

Professor PARKE, Miss MANNING.

1. ELEMENTARY ACCOUNTING.

Three hours credit. Each semester.

M. W. F., at 2.

A foundation course in accountancy. The business transactions, the fundamental equation, double-entry drills, use of the fundamental books, drills in the use of business papers, classification and treatment of accounts, standard forms of statements. Open to Freshmen.

2. MERCANTILE ACCOUNTING.

Three hours credit. Each semester.

M. W. F., at 11:30.

Prerequisite, elementary accounting. Application of principles to the various lines of mercantile business, wholesale, retail, shipping and commission. Use of modern books of account and of labor-saving devices. Open to Freshmen.

4. FARM ACCOUNTING.

Two hours credit. Second semester.

T. Th., at 11:30.

Prerequisite, elementary accounting. A complete scientific scheme of keeping farm accounts, designed to prepare teachers to organize and conduct practical farm accounting courses in high schools. Open to Freshmen.

5. BANK ACCOUNTING. *Two hours credit.* First semester.

T. Th., at 10:30.

Prerequisite, elementary accounting. Organization and management of banks. Books opened from statements of a bank already in operation. The work is designed to reproduce as nearly as practicable the routine of a bank. Open to Sophomores.

6. CORPORATION AND FACTORY ACCOUNTING.

Two hours credit. Second semester.

T. Th., at 10:30.

Prerequisite, mercantile accounting. The organization of a corporation, with special reference to the laws of Kansas. Several sets of books are opened and closed to show the distinctive features of corporate accounting. The main set is that of a manufacturing business using the voucher system. Open to Sophomores.

7. PHILOSOPHY OF ACCOUNTS.
Two hours credit. Second semester.

M. F., at 10:30.

Prerequisites, bank accounting and corporation and factory accounting. Accounting treated from the viewpoint of science and in its relation to political economy. Analysis of complex accounts and statements; general principles of cost accounting, valuations involving interest, treatment of depreciation, capital and revenue accounts, the use of statistics in determining the condition of a business. Open to Juniors.

8. AUDITING. *Two hours credit.* Second semester.

T. Th., at 8.

Prerequisite, philosophy of accounts. Planning an audit, analyzing accounts, methods and forms of procedure. Open to Juniors.

9. BUSINESS ORGANIZATION.
Two hours credit. Second semester.

M. W., at 8.

The individual business man, the partnership, the corporation; extractive, manufacturing, and distributive industries; the various departments of a large business and their relations to one another; the market, advertising, credits, and collections; the administrative department and accounting methods. Open to Juniors.

10. ELEMENTARY LAW. *Two hours credit.* Each semester.

T. Th., at 8.

General view of the field of law. Nature of law and the various systems. The unwritten and the written law, and equity. Constitutional, administratiive, and criminal law. Personal rights, property rights, business affairs, private wrongs. Court procedure, civil and criminal. Open to Freshmen.

11. ELEMENTARY COMMERCIAL LAW.
Four hours credit. Each semester.

T. Th., at 9.

Definitions and principles of the law of contracts, sales, bailments, insurance, guaranty, negotiable instruments, agency, master and servant, partnerships, joint-stock companies, and corporations; real property, including titles, contracts, and transfers. Attention is given to teaching the intelligent use of statutes and court decisions, and to the writing of legal papers in common use. Open to Freshmen.

12. ADVANCED COMMERCIAL LAW.

Four hours credit. Second semester.

M. T. W. F., at 8.

Prerequisite, elementary commercial law. A somewhat intensive study of all the subjects commonly treated under the head of business law. The case method of study is used, supplemented by references to standard law treatises. Considerable practice is given in drawing up legal papers, including contracts, bills of sale, leases, mortgages, deeds, articles of copartnership, etc. Moot cases for argument are occasionally given.

20. INTERNATIONAL LAW. See Department of Political Science.

13. ELEMENTARY STENOGRAPHY.

Five hours credit. Each semester.

Daily, at 2.

The emphasis is placed upon an absolute mastery of principles. Much drill is given in reading shorthand and in writing ordinary business and literary matter. Open to Freshmen.

14. ADVANCED REPORTING. *Four hours credit.* Each semester.

M. T. W. F., at 10:30.

Phrasing, special contractions, and advanced shortening principles, with daily dictations and transcriptions. Open to Freshmen.

15. SPEED PRACTICE. *Two hours credit.* First semester.

T. Th., at 3.

Dictation of difficult matter, use of dictaphone, and office methods.

16. ELEMENTARY TYPEWRITING.

Four hours credit. Each semester.

M. T. W. F., at 8.

A practical course, including a thorough knowledge of the machine and of the various kinds of work to be done on a typewriter; forms of letters, business papers, carbon work, legal forms, tabulating and invoicing. Open to Freshmen.

17. ADVANCED TYPEWRITING AND SPEED PRACTICE.

Three hours credit. Second semester.

M. T. W. F., at 9.

Drill is given in dictation and in various lines of office work. Much practical matter is furnished students by members of the Faculty and from the offices.

18. METHODS IN PENMANSHIP.

Two hours credit. First half each semester.

M. T. W. F., at 11:30.

Advanced plain writing, with pen and blackboard work. Methods of presenting penmanship in different grades.

19. ARTISTIC PEN WORK.

Two hours credit. Second half each semester.

M. T. W. F., at 11:30.

This course includes shading, flourishing, and styles of printing.

20. METHODS IN COMMERCE.

Two hours credit. Second semester.

T. Th., at 8.

The high-school commercial course; subjects to be included, order of presenting subjects, amount of work to be done in each, methods of teaching. Adaptation of the commercial course to the small, the medium, and the large high school, and to local conditions. Prerequisite, twenty hours of commerce.

ENGLISH.

Miss MCNALLY and Miss NEWTON.

1 COLLEGE RHETORIC AND COMPOSITION.

Three hours credit. Each semester and summer term.

M. W. F., at 9; summer term, daily.

Required of all students in College courses.

It offers training in the fundamental principles and practice of English prose discourse. Narration, description, exposition and criticism are presented, with a variety of analytical and constructive exercises. The practical needs of everyday life are kept constantly in view, and technical excellence is essential. Weekly themes are required. The writing and criticism of longer themes, with a study of the principles of structure.

2. SHAKESPEAREAN DRAMA

Four hours credit. Second semester, and summer term.

M. T. W. F., at 8.

It includes the study and interpretation of four plays—two tragedies, one comedy, one historical play—or their equivalent—with special reference to form, plot, character, ethical values. Other plays will be assigned for special reading. Two papers are required.

3. NINETEENTH CENTURY LITERATURE.

Three hours credit. Each semester, and summer term.

M. W. F., at 11:30; summer term, daily.

Required of all students in College courses.

Authors studied: Wordsworth, Coleridge, Scott, Byron, Shelley, Keats, Dickens, Thackeray, Carlyle, Mathew Arnold.

4. THE ELEMENTS OF LITERATURE

Three hours credit. First semester.

M. W. F., at 9.

The principles underlying the development of literature are presented and exemplified.

May be substituted for course 3.

5. EXPOSITION. *Four hours credit.* Second semester.

T. Th., at 8.

(*a*) A study of the principles of versification and poetry. (*b*) A study of prose masterpieces. (*c*) Theme writing. If preferred the student may elect to make a study of theme writing. Daily and weekly themes are required. This course must be preceded by course 1.

6. THE SHORT STORY.

Two hours credit. Second semester, and summer term.

T. Th., at 10:30.

A reading and constructive course. Selected specimens of prose are studied for governing principles. The application of constructive principles is discussed and exemplified. Theme writing accompanies this course.

7. METHODS IN ENGLISH.

Two hours credit. Second semester, and summer term.

T. Th., at 10:30; summer term, M. T. W. and F.

This course includes an investigation of the nature and kinds of short story; the structure of the short story; a study of short stories by the laboratory method; the preparation for authorship.

Open to members of the Junior and Senior classes and persons offering equivalent preparation and experience. It includes the discussion of methods of presenting work in English courses of study in the secondary schools, and the results that should be expected from properly prepared plans of work.

8. LITERATURE. *Two hours credit.* Summer term. M. T. W. F., at 11:30.

Selected to correlate with nature study and American history. Offered especially for superintendents and for teachers of primary and grammar grades. This course gathers together the prose and poetry of "out-of-doors" available for use as language work in correlation with the nature study pursued in a given season of the year. It collates the literature that has been inspired by the deeds of great men and by the events important in the nation's history.

9. EARLY ENGLISH DRAMA.

Four hours credit. Given upon sufficient demand.

Elective. It includes discussion and reading of the liturgical drama; mystery and miracle plays; morality plays; early comedy and tragedy.

10. LYRIC POETRY.

Four hours credit. Given upon sufficient demand.

Elective. This is a study of lyric poetry from Chaucer to Tennyson. The poets are grouped with reference to the historical development of literature. The representative poems of the groups are studied.

11. EPIC POETRY. *Four hours credit.* Second semester. M. T. W. F., at 11:30.

This course considers the nature of the epic, both primitive and modern; the progress of the epic; the structure and thought of the English epic.

12. HISTORY AND DEVELOPMENT OF THE MODERN ESSAY.

Four hours credit. Given upon sufficient demand.

A study of eighteenth and nineteenth century essays and essay writers: Addison, Lamb, DeQuincy, Carlyle, Ruskin, Arnold, Macaulay, Stevenson. Three papers are required.

13. LITERARY STUDY OF THE BIBLE.

One hour credit. First semester.

Th., at 5.

This is a study of selections from both the Old and the New Testament. It offers history and interpretation of Gospel material.

14. AMERICAN LITERATURE.

Three hours credit. First semester.

M. W. F., at 11:30.

Seminar. This course of study suggests specific materials and methods for a study of the more significant figures in American literary history. It makes use of selected reference, list of classics, biographies and criticisms, generally agreed upon as most significant; and provides for as many detailed studies in tendency, substance, form and style as the student can master.

15. ALFRED TENNYSON.

Two hours credit. Given upon sufficient demand.

Seminar. A study of "The Idyls of the King" with reference to their sources; the "Idyls" as an epic; the allegorical tendencies of Tennyson's mind manifested in poems.

16. ROBERT BROWNING. *Four hours credit.* First semester.

M. T. W. F., at 11:30.

Seminar. This includes the minor poems; the "Ring and the Book"; the dramas. Elizabeth Barrett Browning and her poetry are discussed.

17. RISE AND DEVELOPMENT OF THE ENGLISH NOVEL.

Four hours credit. (Not given in 1912-'13.)

Seminar. This is an historical course, including the literary forms that contribute to the novel; the passing of the old romance; the eighteenth century realists; the nineteenth century romances; the realistic reaction; the psychological novel; the contemporary novel.

18. CHAUCER. *Four hours credit.* (Not given in 1912-'13.)

The Canterbury Tales. Grammar and easy reading.

19. ELEMENTARY OLD ENGLISH.

Four hours credit. (Not given in 1912-'13.)

Grammar and easy reading.

GEOGRAPHY.

Professor ELLSWORTH.

1. MAP DRAWING.

Two hours credit. First semester, and summer term.

T. Th., at 2.

Scope: Construction of nets for mapping; use of scale; chalk-modeling; use of mâché and other plastic material; making charts and graphs; use of atlases, gazetteers, and technical publications; laboratory and field work.

2. METHODS. *Two hours credit.* Second semester.

T. Th., at 10:30.

Prerequisite, elementary psychology. A study of educational processes due to the nature of the subject; study of fact values in geography; orientation of the work by grades; analysis of texts; outlines; supplementative work; correlative value of subject; model class work.

3. GEOGRAPHY OF AMERICA.

Two hours credit. First semester, and summer term.

T. Th., at 8.

Intensive study of the geographic regions of North America and South America. Analysis of physiographic controls. Comparative study of our geography with that of other regions. Government publications used and outlines made in place of text.

4. REGIONAL GEOGRAPHY.

Three hours credit. Second semester, and summer term.

M. W. F., at 9.

Prerequisite, high-school physiography. Intensive study of selected areas offering high type values. Relativity of folk to place emphasized, bringing out variation in kind.

5. PHYSIOGRAPHY.

Three hours credit. First semester, and summer term.

M. W. F., at 8.

Prerequisite, map drawing. The work in this course will in character and amount be similar to that included in "Earth Features and Their Meaning," by W. H. Hobbs.

6. METEOROLOGY.

Two hours credit. First semester, and summer term.

T. Th., at 10:30.

Open only to students of the Senior or Junior years. Work will parallel that of the text of that subject by Professor Milham. Daily weather observations required.

7. ECONOMIC GEOGRAPHY. *Three hours credit.* First semester.

M. W. F., at 11:30.

Prerequisites, regional geography, and physiography. Chisholm's text and Bartholomew's Commercial Atlas, together with the Statesman's Year Book for the current year, indicate the content of this course. Students majoring in economics will find work in kind in this course.

8. GEOGRAPHY OF EUROPE. *Two hours credit.* Each semester.

T. Th., at 10:30.

A study of the culture, power, commerce and physical habitat of the chief European nations, with comparisons between them.

AMERICAN HISTORY.

Professor WHITNEY.

MAJOR IN HISTORY.

In most high schools the teacher of history is required to teach all the classes in American history, in European history, in political science, and in economics. For this reason, a large per cent of our students interested in this line of work prefer to elect their major simply as history. For such the requirements will be:

American history and political science..	12 hours.
European history and economics.....	14 hours.
Free elective, to be taken in either department, or to be divided between the two departments	4 hours.

The specific courses required in each case to be determined upon personal consultation with the head of the department concerned.

Major in American history, in European history or in political and social science: The courses required in each case will be determined upon personal consultation with the head of the department concerned.

1. AMERICAN HISTORY TO 1800.

Two hours credit. First half each semester.

M. T. W. F., at 10:30.

This is a textbook course designed for College students who have not had the usual high-school American history.

2. AMERICAN HISTORY, 1800-1912. *Two hours credit.*

Second half each semester, and summer term.

M. T. W. F., at 10:30.

This is a textbook course designed for College students who have not had the usual high-school American history.

3. KANSAS HISTORY.

Two hours credit. Second half second semester.

M. T. W. Th., at 2.

The territorial struggle and the state history are presented.

4. AMERICAN HISTORY TO 1607.

Two hours credit. First semester, and summer term.

T. Th., at 8; summer term, M. T. W. Th., at 8.

European conditions leading to our age of discovery. Ancient life on the American continent. Discoverers and explorers are studied as to character, motives, work accomplished and results.

5. HISTORY OF NEW ENGLAND.

Two hours credit. Second half second semester.

M. T. W. F., at 10:30.

Open to Freshmen.

6. HISTORY OF THE MIDDLE AND SOUTHERN COLONIES.

Two hours credit. Second semester.

T. Th., at 8.

Open to Freshmen. European conditions leading to first settlements. Facts necessitating later new colonies. Why the middle country presented questions different from New England and the South. Results. Why the South was slow in development.

7. THE AMERICAN COLONIES, 1492-1763.

Three hours credit. First semester.

M. W. F., at 9.

Open to Freshmen. An exhaustive study of the rise, development and effect of the various phases of life in each section of the country, from the founding of the colonies to the Declaration of Independence. How it all contributed to independence as an assured fact and made dependence a further impossibility.

8. THE AMERICAN REVOLUTION.

Two hours credit. First semester.

T. Th., at 9.

Open to Sophomores. The story of the struggle of the colonies for independence is always dramatic in the extreme. This course offers abundant opportunities to study the principles involved and the means used by each party to achieve desired ends.

9. THE CRITICAL PERIOD, 1783-'89.

Two hours credit. Second semester.

T. Th., at 9.

Open to Juniors. The struggle for the new nation to realize itself in government.

10. POLITICAL AND CONSTITUTIONAL HISTORY, 1789-1817.
Three hours credit. First semester.

M. W. F., at 8; summer term, M. T. W. F., at 8, two-hour course.

The period of foreign domination. The new constitution stands the severe test of most trying conditions at home and abroad.

11. POLITICAL AND CONSTITUTIONAL HISTORY, 1817-'60.
Three hours credit. Second semester.

M. W. F., at 8.

Open to Sophomores. An era of great internal development. Great economic questions arise with special reference to the great Rebellion. New movements, educational, political, philanthropic, religious, literary and governmental, characterize this period.

15. THE REBELLION, 1861-'65.
Two hours credit. First semester.

T. Th., at 11:30.

Open to Juniors and Seniors. General facts underlying the precipitation of the conflict. Close study of the great campaigns, to discover designs of leaders and methods used. Resources as to army, navy, supplies, methods of transportation. Attitude of foreign countries. Prominent political leaders. Results.

16. RECONSTRUCTION.
Two hours credit. Second semester, and summer term.

T. Th., at 11:30; summer term, M. T. W. F., at 10:30.

Open to Juniors and Seniors. The problem, what is involved, difficulties surrounding, ends to be attained. As undertaken by Lincoln, by Johnson, by Congress. Leaders and their speeches. Impeachment, and the election of 1876. Courses 7, 8, 9, 10, 11 and 15 are excellent preparation for this course.

17. POLITICAL AND CONSTITUTIONAL HISTORY SINCE 1876.
Two hours credit. Second semester.

T. Th., at ——.

Open to Juniors and Seniors. Sets forth the trend of events in the North and in the new South since the reconstruction times. The prominent place America has taken in international affairs, her high standards for public relations, her giant strides in all lines of activity.

22. METHODS IN HISTORY. *Two hours credit.* Summer term.

M. T. W. F., at 11:30.

Open to Seniors. Each student must work out from the library certain lines of bibliography in American history. Texts are criticized; courses of study are prepared; supplementary reading lists are prepared; certain particular phases of historical presentation are discussed; best methods to be used in different grades and for different parts of the history are presented. In short, this course is to give the future teacher of American history an equipment, first, of sources of knowledge, and second, methods of using such knowledge. Required of all who elect history as a major. It must be preceded by at least twelve hours work in American history.

EUROPEAN HISTORY.

Professor WILLIAMS.

3. HISTORY OF GREECE. *Two hours credit.* First semester.

T. Th., at 8.

Emphasis is laid on the artistic, intellectual, religious, social, economic and political life of the Greek people. Special attention is given to mythology as an aid to teachers in primary and secondary schools. The fundamental idea is kept in mind that the historical significance and importance of the Greeks is their contributions to the general civilization of the world in their development of a superior intellectual and æsthetic culture. Open to Freshmen.

4. HISTORY OF ROME. *Two hours credit.* Second semester.

T. Th., at 8.

This course traces the growth of the Roman state and people from the legendary period to the time of the incoming of the barbarian and the deliquescing of the empire. The real greatness of Rome which forms a part of the world's possessions to-day—her monuments, her language and literature, her ideals of government, and her legal system—receive particular attention. Recommended to students majoring in Latin. Open to Freshmen who have taken course 1.

5. HISTORY OF ENGLAND TO THE TUDOR PERIOD.

Three hours credit. First semester.

M. W. F., at 8.

In this course the aim is to trace the great movements by which Ancient England has become Modern England and the forces which have given rise to these movements.

The fusing of several races into the English people. The early English institutions which were the germ of later institutions and the social and economic life of the period receive consideration.

6. HISTORY OF ENGLAND FROM THE TUDOR PERIOD TO THE PRESENT. *Three hours credit.* Second semester.

M. W. F., at 8.

This course is a continuation of course 5. They should be taken in regular order, but with the consent of the department this requirement may be waived. The course deals with the successful working out by the English people of two great problems in government—that of self-government under free democratic forms, and that of governing remote dependencies. The development in the great fields of industry—manufacture and commerce—and the growth in social and intellectual progress are also studied. These courses are recommended to students majoring in American History.

9. HISTORY OF WESTERN EUROPE.

Three hours credit. First semester.

M. W. F., at 2.

Required in Sophomore year. Open to Freshmen.

This course is an introduction to the study of European history, and should precede all other courses with the exception of courses 1 and 2. The course attempts to give a modern historical point of view as a basis for future historical study. It includes also the description of the most significant achievements of western civilization during the past fifteen hundred years—how the Europe of to-day grew out of the Europe of the ninth century. In all, the principle of Christianity in history is emphasized, i. e., progress has been made by slow and gradual development rather than by abrupt changes.

10. MEDIÆVAL INSTITUTIONS. *Two hours credit.* First semester.

M. W., at 9.

An intensive study of a number of select problems in Mediæval social, political and religious institutions. Open to advanced students in European history.

11. THE REFORMATION. *Two hours credit.* Summer term.

M. T. W. F., at 8.

This course gives consideration to the general struggle between the old and the new order of things, the modern nations which were rising into power, and the need of reform before the revolt occurred. The individual re-

formers, together with the revolt and counter-revolt in the various countries, are objects of study. The religious, political and economic results of the movement complete the study.

12. THE NINETEENTH CENTURY AND AFTER.

Three hours credit. Second semester.

M. W. F., at 9.

This course begins with the reconstruction of Europe in 1815, and continues the history of Europe to the present. The ideas bequeathed by the French Revolution of social and political equality and freedom and the struggle for national unity and popular sovereignty, are dominant factors in the period. The great economic, social and scientific changes which mark modern times are followed. The world problems and movements of to-day are studied through the newspapers and current periodicals. Reading, clipping, filing, and reporting upon these current events form an interesting and valuable part of the course. Prerequisite, course 9.

13. THE PRINCIPLES AND METHODS OF HISTORY.

Two hours credit. Each semester.

T. Th., at 9.

This course considers the definitions, nature, and scope of history, the sources of historical knowledge, historical evidence and criticism, and the modern point of view in regard to the subject. The discussions cover the aims and values of history, the history program, and general methods of instruction. Each student is expected to work out bibliographies for various history courses, lists for library reference, a program for history in the grades and the secondary school, and present model lessons before the class. The visitation of different history classes and discussion of teacher, lesson and recitation follow.

14. THE FRENCH REVOLUTION.

Two hours credit. Second semester.

T. Th., at 10:30.

To understand the social, economic and political conditions in France which were outgrown and the origin and growth of the revolutionary spirit is quite as necessary as to trace the history of destruction of abuse and the struggle for liberty and rights. The course offers a study in social psychology, and the political theories of the time as well as a history of the revolution itself. Course 8 in American History is recommended as a basis for this study.

15. INDUSTRIAL AND SOCIAL HISTORY OF ENGLAND.
Two hours credit. First semester.

T. Th., at 10:30.

This course is recommended to round out the study of English history. Mediæval rural and town life, trade and commerce, the economic changes of the fourteenth and fifteenth centuries that resulted in the breaking up of the mediæval system, the industrial revolution with its momentous results, the extension of government control shown in the factory laws, modification of land ownership, sanitary regulations and government industries, and the development of trade-unions, trusts and coöperation, are the principal topics of study. Prerequisites, courses 5 and 6.

16. THE CONSTITUTIONAL HISTORY OF ENGLAND.
Two hours credit. Second semester.

T. Th., at 10:30.

A review of the early charters and constitutional struggles of England, the founding and development of parliament and the cabinet, the establishment of the petition of right, the bill of rights, the habeas corpus act, the freedom of the press, of speech and of worship, and the growth of the English democracy. Courses 5 and 6 are prerequisites.

17. THE GOVERNMENT OF ENGLAND.
Two hours credit. Second semester, and summer term.

T. Th., at 9; summer, M. T. W. F., at ——.

An analysis of the present English constitution, and the practical workings of the local, central and colonial governments as at present conducted. Courses 5 and 6 are prerequisites.

ECONOMICS AND SOCIOLOGY.

Professor SMITH.

1. GENERAL ECONOMICS. *Three hours credit.* First semester.

M. W. F., at 10:30; summer term, a course with double credit.

A brief survey of the history, theory and principles of economics, with a preliminary application of these principles to existing economic conditions and problems.

3-4. MONEY, BANKING, AND PUBLIC FINANCE.
Four hours credit. First semester.

M. T. W. F., at 8; summer term, devoted to public finance, M. T. W. Th., at ——.

The first half of the semester is devoted to the general history and principles of money and credit; banking his-

tory, theory and practice; and some of the financial problems of the day. The last half of the semester will be devoted to public finance. This course includes an analysis of the fundamental principles of national finance as shown in the leading revenue systems of the world; the variety, nature and workings of the different elements of taxation in our national, state and municipal budgets; and a study of the specific tax problems before the state of Kansas. By special consent of the instructor and adviser the two parts of this course may be taken separately and two hours credit given.

5-6. COMMERCIAL AND INDUSTRIAL HISTORY.

Three hours credit. Second semester.

M. W. F., at 10:30.

Course 5 is a history of commerce. It traces the rise of trade and commerce in ancient times, its development during the Crusades and the age of the Hanseatic and other commercial leagues, and its enormous expansion in recent times; also the effects of geographical conditions, customs and economic ideas upon commerce, and the reactionary effect of commerce upon civilization and national development. Course 6 is a tariff and industrial history of the United States. It embraces a review of the colonial industrial system, the growth of manufactures, the internal improvement and tariff questions, the development of our banking and currency systems, and the rise and treatment of our trust and monopoly problems.

7-8. LABOR AND TRANSPORTATION PROBLEMS.

Four hours credit. Second semester.

M. T. W. F., at 9.

Course 7 deals with labor problems. A brief history of labor organizations with a preliminary study of such problems as the union label, strikes and boycotts, workingmen's insurance, employer's liability, profit sharing, and labor legislative programs. Course 8 will follow with a study of transportation problems. This will trace briefly the history of transportation in the United States and Europe, then take up the problems of tariffs, capitalization, organization, judicial control, state regulation of our railways, and a brief review of our maritime and inland waterway policies. These courses may be taken separately with permission of the instructor and adviser, two hours credit being given.

9. GENERAL SOCIOLOGY. *Three hours credit.* Second semester.

M. T. W. F., at 2.

The first half of the semester outlines the general field of sociological theory, literature and thought, with a textbook, assigned readings, papers and discussions. The second half of the semester will be used in investigating a variety of topics dealing with dependents, defectives and delinquents, sociological legislation and reform, rural and urban life. Lectures, assigned readings, reports and term papers.

10-11. SOCIOLOGICAL PROBLEMS. *Two or four hours credit.*

The nature of the work will vary from term to term, part of it being in advanced theory and part in detailed topical investigation. Will be given only when requested by three or more students.

13-14. EDUCATIONAL SOCIOLOGY AND COMMUNITY BETTERMENT. *Three hours credit.* Each semester.

M. W. F., at 11:30.

The most remarkable developments in the educational field in the past few years have been along social lines. The individualistic point of view is giving way to the social, and the school is becoming more and more a part of community life. The affiliation of the school with the home and the church, with industry and the government, must be made more complete and perfect. To emphasize this broader point of view, and to trace fully the relations of the school to the other educational institutions of life, is the purpose of educational sociology. The first half of the course deals with the general sociology of education, and the last half with the various agencies of social and community betterment with which the teacher is particularly concerned.

POLITICAL SCIENCE.

Professor HILL.

1. TEACHER'S COURSE. *Two hours credit.* Second semester.

T. Th., at 9.

Elective. No text. Readings, reports and quizzes.

Leading topics: The relation of civics to history, economics, sociology. The method of development of civics as found in textbooks. Civics as a book study and as citizenship. Organization of resources. Simple investigations.

2. THE GOVERNMENT OF KANSAS.

Two hours credit. First semester, and summer term.

T. Th., at 9; summer, M. T. W. F., at 9.

No text. Readings, reports and quizzes.

The township, county, city and state governments are studied in detail. The bulk of the readings will be found in the General Statutes and in the court reports.

3. ADVANCED STUDY OF THE UNITED STATES GOVERNMENT.

Three hours credit. First semester.

M. W. F., at 2.

Textbook. Reading of cases and other references; quizzes.

This course provides a careful study of the constitution; its changes through the courts and through custom. Our citizenship of the state and of the United States is differentiated and the latter emphasized. Current problems will receive their share of attention.

4. COMPARATIVE STUDY OF EUROPEAN GOVERNMENTS.

Three hours credit. First semester.

M. W. F., at 10:30.

No text. Lectures, quizzes, assigned readings, reports. The constitutions, governments, parties and practices of France, Italy, Germany, England, and, if time permits, of one or two other countries, are studied. The prominent current events of any country will be studied.

7. INTERNATIONAL RELATIONS.

Two hours credit. First semester, and summer term.

T. Th., at 8; summer term, M. T. W. F.

Textbook, cases, readings, quizzes.

The growth of international law, the machinery for settling international disputes and the need for more, the rules of war, the making of treaties and their binding effect, the functions of ambassadors and consuls, the contract and domicile rights of citizens and aliens in time of peace and war, are some of the topics that indicate the scope of the course.

LATIN.

Professor HOLTZ.

Students with the required 15 units of high-school or Normal Secondary credit may take any of the Secondary Latin courses which they are prepared to enter, and receive college credit of four hours for each semester. Twenty weeks of work must be taken before credit will be given to count toward graduation. A major in Latin consists of 30 hours selected from courses 1 to

11. Those desiring a general language major may elect 16 hours of college Latin with three years of secondary German or French, or 16 hours of modern language with three years of secondary Latin.

Suggested minors: Ancient history, modern language, English composition and literature, history of philosophy.

1. LIVY. *Five hours credit.* First semester.

Daily, at 9.

Books XXI and XXII. Cicero's De Senectute and De Amicitia with selections from the Letters may be substituted for the above. Prose composition based upon the text, sight reading. Open to students with credits in secondary courses, Virgil, or with four years of high-school Latin.

2. HORACE: ODES. *Five hours credit.* Second semester.

Daily, at 8.

Translation, analysis of thought, study of Horatiau meters. Special topics for papers on material found in the odes will be assigned.

3. TACITUS: AGRICOLA AND GERMANIA. *Four hours credit.*

Offered when demanded by sufficient number of students. Introductory to the language and style of Tacitus. In connection with the translation matters of historical importance and literary merit are brought out.

4. LATIN COMEDY: CAPTIVI AND PHORMIO.

Four hours credit. Each semester, and summer term.

Daily, at 11:30.

Attention given to vocabulary, anti-classical forms and constructions, scansion, and idiomatic English in translation.

5. TEACHERS' COURSE IN LATIN GRAMMAR. *Four hours credit.*

Offered when demanded by sufficient number of students.

Bennett's text used as basis. Special attention given to the subjunctive, classification of subjunctives in Cæsar or Cicero, as class may elect. Prose composition, word analysis, etc.

6. CLASSICAL MYTHOLOGY. *Two hours credit.*

Offered only in summer term.

Guerber's text used as a basis. Myths studied from all available sources. Use of mythology by English poets. Course designed for those interested in English and history as well as in Latin.

7. ROMAN ANTIQUITIES *Four hours credit.* Second semester.

M. T. W. F., at 10:30; summer term, at ——.

Study of Roman private life, social customs, dress and kindred topics from remains of ancient art, and, in particular, from the ruins of Rome and Pompeii. Lectures, library research. Use of pictures, models and lantern slides.

8. TEACHERS' COURSE IN ADVANCED COMPOSITION. *Two hours credit.*

Offered on sufficient demand.

Adapted to needs of high-school teachers. Practice in the writing of connected Latin.

9. EPISTOLARY LATIN. *Four hours credit.*

Offered on sufficient demand.

Selections from the letters of Cicero, Horace, and Pliny.

10. METHODS IN LATIN. *Four hours credit.* First semester.

M. T. W. F., at 10:30. Two hours credit in summer term, at ——.

Study of Cæsar's campaigns; military antiquities; army organization. Rapid reading of Cæsar from books V to VII. Discussion of problems arising in high-school Latin.

11. SATIRES: HORACE AND JUVENAL. *Four hours credit.*

Offered on sufficient demand.

Roman literature of the classical period.

LIBRARY SCIENCE.

Miss BUCK.

METHOD OF INSTRUCTION:

There are few textbooks on library subjects, and instruction is largely in the form of lectures and assigned readings, followed by practice work under supervision, with discussion of both theory and practice.

1. LIBRARY METHODS. *One hour credit.* Each half semester.

T. Th., at 2; summer term, T. Th.

Introduction to arrangement of books in Kellogg Library, use of catalog and indexes, helps in selection of books for school libraries, guides to choice of books for school libraries, guides to choice of books for individual reading, school and public library interrelations. Required.

2. REFERENCE. *Three hours credit.* Second half first semester.

Daily, at 9.

Promotes familiarity with well-known reference books, with use of indexes to periodicals and general literature,

with general and special cyclopedias, distionaries, annuals, and ready reference manuals, by systematic search for material with which to answer typical reference questions.

3. BIBLIOGRAPHY. *Three hours credit.*
Second half second semester.

Daily, at 10:30.

Supplements the study of reference books, bringing to the student knowledge concerning the existence of books in certain selected fields, of what they treat and what they may do for him both as tools and as helps toward general culture.

4. PUBLIC DOCUMENTS. *Two hours credit.*
Second half first semester.

M. T. W. F., at 10:30.

Intended to familiarize the student with the organization and publications of various government departments; methods employed in printing, binding, indexing and distributing; history of government publication; selection of material for school libraries, with value for reference work and supplementary reading as a basis.

5. CHILDREN'S LITERATURE. *Two hours credit.*
First half first semester.

Daily, at 11:30.

Consideration of methods of interesting children in good literature, principles of book selection; study of types of the best modern children's books; establishment of wider knowledge of children's books by actual examination and reading.

6. STORY TELLING. *Two hours credit.*
Second half first semester.

Daily, at 11:30.

Aim to develop in the student the power to discover in the world's literature, in history and in life the best stories for education, and to tell them well; also to foster creative work in arranging stories from classic and historic sources for presentation in special grades.

7. BOOK MAKING. *Two hours credit.*
First half second semester.

M. T. W. F., at 8.

Earliest records; history of writing and famous manuscripts; paper making; origin and development of printing; early printer-publishers; noted modern presses; book illustration; bookbinding from the historic point of view; growth of the book trade.

8. LIBRARY HISTORY. *Two hours credit.*
First half first semester.

T. W. Th. F., at 9.

A study of the foundation and development of leading ancient, mediæval and modern libraries, with special attention to the library movement in the United States, including library commissions, traveling libraries, and relation of public libraries and public schools.

9. LIBRARY ECONOMY. *Two hours credit.*
First half second semester.

T. W. Th. F., at 10:30.

Instruction follows regular library routine—selection of books, order, accession, shelf-listing, preparation for the shelves, binding and repair.

10. CLASSIFICATION OF BOOKS. *Three hours credit.*
First half first semester.

Daily, at 10:30.

The decimal classification is taught, books being classified by each student, the work revised and discussed in class. The expansive and other systems are described. For book numbers, use of the Cutter alphabetic-order table is taught.

11. CATALOGING. *Four hours credit.* Second semester.

M. T. W. F., at 8.

Instruction confined to dictionary cataloging, special emphasis being laid upon underlying principles. Simplified library school rules, Cutter's rules for a dictionary catalog, A. L. A. rules, and A. L. A. list of subject headings, are used as basis for instruction. Simple cataloging for public documents is included.

12. ORGANIZATION AND ADMINISTRATION. *Two hours credit.*
Second half second semester.

T. W. Th. F., at 9.

Principles applicable to school libraries and to small public libraries. Prerequisites, courses 4, 8, 9, 10, and first half of 11—Public Documents, Library History, Library Economy, Classification of Books, and cataloging.

MATHEMATICS.

Professor ALLEN.
Associate Professor ELLIS.

1. ADVANCED ALGEBRA AND ITS APPLICATIONS.
Four hours credit. Each semester, and summer term.

Daily, at 8.

Prerequisites, algebra and plane geometry. Required for life certificate. The fundamental laws of algebra and

the reasons underlying the fundamental operations with positive and negative numbers. A review of factoring. Exponent theory, surds and imaginaries. Theory of quadratic equations in one and in two variables, and applications. Graphs. Ratio, proportion and variation. Series, limits, logarithms. Applications of algebra to physics, mechanics, mensuration, and numerous vocations. (Professor Allen.)

. TRIGONOMETRY.

Three hours credit. Second semester, and summer term.

M. W. F., at 2; summer term, daily, at 9.

Plane trigonometry and the right spherical triangle. Prerequisites, algebra in the secondary school, and advanced algebra and its applications. (Associate Professor Ellis.)

. SURVEYING. *Two hours credit.* Second semester.

T. Th., at 2.

Prequisites, algebra and geometry in the secondary school, solid geometry and advanced algebra.

This course is designed to supplement the course in trigonometry by showing its most common applications. The student will do field work with the transit, Y-level, etc., sufficient to become familiar with the ordinary work of the surveyor. (Associate Professor Ellis.)

. COLLEGE ALGEBRA. *Five hours credit.* Second semester.

Daily, at 10:30.

Prerequisite, advanced algebra and its applications.

Permutations and combinations. Mathematical induction, and theorem of undetermined coefficients. Partial fractions. Series. Theory of equations, including the usual transformations, leading to the solution by Horner's method of numerical equations and Cardan's solution of the cubic equation. Text, Fine's College Algebra. (Professor Allen.)

Solid geometry and advanced arithmetic may be taken for College credit if they have not been offered for entrance.

. ANALYTICS. *Four hours credit.* First semester.

M. T. W. F., at 9.

Plane analytics only. Prerequisite, trigonometry. The usual work with conic sections and the general qaudratic equation in two variables, with some discussion of higher plane curves. (Professor Allen.)

6. CALCULUS. *Seven hours credit.* Throughout the year.

M. T. W. F., at 11:30.

Prerequisites, Analytics and College Algebra.

Differential and integral. The usual practice in differentiation and integration formulas, and special emphasis upon the application to rates, areas, volumes, etc. (Professor Allen.)

7. ASTRONOMY. *Two hours credit.* First half first semester.

M. T. W. F., at 9.

The text used for the course is Young's Elements of Astronomy, and the usual work in descriptive astronomy is given. (Associate Professor Ellis.)

8. ARITHMETIC TEACHING. *Two hours credit.*

First half first semester, second half second semester, and summer term.

M. T. W. F., at 10:30.

Prerequisite, Advanced algebra and its applications.

A study of our fundamental notions of number. An organization by years of the number material to be taught. The methods of adapting and presenting this subject matter to children. Observation of lessons given by the critic teachers of the training school and discussion of these lessons. (Professor Allen.)

9. ALGEBRA TEACHING AND GEOMETRY TEACHING.

Four hours credit. Second semester, and summer term.

M. T. W. F., at 8; summer term, T. Th., at 11:30, algebra teaching only.

Prerequisite, trigonometry. These courses discuss the questions of the organization of the subject matter of algebra and geometry, the aims in teaching them, their applications, and the classroom management for each. (Professor Allen.)

MODERN LANGUAGES.

Professor DUDLEY.

THE EQUIPMENT of the department of Modern Languages consists of 450 department books in the library, including a fairly complete list of reference books, one philological and two literary periodicals; maps of Germany and France; a special map for Schiller's Wilhelm Tell; a set of Holzel and Holz pictures for use in the secondary school and in methods; a spectroscope and several hundred postcards of various parts of Germany and illustrating various phases of German life; an increasing collection of framed prints and photographs, including large photographs of some German statesmen and writers.

MAJOR:

Thirty hours of college German, in addition to the admission requirement of three units of high-school language, one unit of which must be German. Courses 6 or 8, 23 and 24 are required of students majoring in the department.

A minimum of four hours' work must be done in the department before credit will be given toward graduation.

Students choosing a general language major may elect, in addition to the entrance requirement in language, a minimum of sixteen hours of college German with three units of secondary Latin or French.

GERMAN.

1. BEGINNING GERMAN I. *Five hours credit.* Each semester.

   Daily, at 11:30.

   Lessons I to XXXVI of Bacon's German Grammar; simple original composition, dictation, memorizing, easy reading, and conversation. No prerequisite in German.

2. BEGINNING GERMAN II. *Five hours credit.* Each semester.

   Daily, at 8.

   Prerequisite, German 1, or one unit of high-school German. Bacon's German Grammar completed; easy narrative prose, oral reproduction, and conversation.

3. INTERMEDIATE READING COURSE.

   Four hours credit. Each semester.

   M. T. W. F., at 9.

   Prerequisite, German 1 and 2, or 1½ units of high-school German. This course is designed to give some freedom in reading easy narrative, descriptive and historical prose and easy poetry. It includes oral reproduction and composition based on the reading. The work is done partly in German.

4. INTRODUCTORY CLASSIC COURSE.

   Four hours credit. Each semester.

   M. T. W. F., at 10:30.

   Prerequisite, German 3, or 2 units of high-school German. Schiller's Wilhelm Tell, or Die Jungfrau von Orleans, and one other classic. The work is done partly in German.

5. CONVERSATION.

   One hour credit. First semester, and summer term.

   M., at 2; summer term, T. Th., at 2.

   Prerequisite, German 4, or the equivalent. This course aims to give the student an opportunity to learn to converse somewhat on everyday topics.

6. COMPOSITION.

Two hours credit. Each semester, and summer term.

W. F., at 2; summer term, M. T. W. F., at 2.

Prerequisite, German 4, or the equivalent. Von Jagemann's Prose Composition, or some other of similar character, and original composition. The work is done mostly in German.

7. GRAMMAR COURSE. *Two hours credit.* First semester.

T. Th., at ——.

Prerequisite, German 4, or the equivalent. The course is based on the Thomas Practical German Grammar, with supplementary work, for a better knowledge of grammar.

8. SCIENTIFIC PROSE. *Four hours credit.* Second semester.

M. T. W. F., at ——.

Prerequisite, German 4, or the equivalent. Rapid reading of selections and works of a scientific character.

9. SCHILLER.

Three hours credit. First semester, and summer term.

M. W. F., at 3.

Prerequisite, German 4, or the equivalent. The reading of two of Schiller's dramas.

10. GOETHE. *Three hours credit.* Second semester.

M. W. F., at 3.

Prerequisite, German 6 or 9. Introductory study of Goethe's life. The reading of two of his dramas and selections from Dichtung and Wahrheit.

11. CRITICAL PROSE. *Three hours credit.* Second semester.

Prerequisite, German 6 or 9. Rapid reading of history, biography, etc. (Not given in 1912-'13.)

12. NINETEENTH CENTURY DRAMATISTS.

Three hours credit. First semester.

Prerequisite, German 6 or 9. Selected works from Kleist, Grillparzer, and Hebbel. (Not given in 1912-'13.)

13. GERMAN LITERATURE I.

Two hours credit. Given on sufficient demand.

T. Th., at 11:30.

Prerequisite, German 10 or 12. The history of German literature from the earliest times to the Reformation, based on Francke, Scherer, or Robertson. Selected readings and reports by members of the class.

14. GERMAN LITERATURE II.

Two hours credit. Given on sufficient demand.

T. Th., at 11:30.

From the Reformation to the beginning of the nineteenth century. Prerequisite, German 13.

15. DRAMATIC READING. *One hour credit.* Summer term.

T. Th., at 4.

The reading of dramas with special attention to pronunciation and expression.

16. WILHELM TELL. *One hour credit.* Summer term.

T. Th., at 5.

Studies in Schiller's Wilhelm Tell with special reference to teaching it.

17. PHONETICS. *Two hours credit.* Summer term.

M. T. W. F., at 11:30.

A study of the location and formation of German speech sounds with reference to teaching pronunciation.

18. TEACHER'S COURSE.

Two hours credit. Second semester, and summer term.

T. Th., at 4; summer term, M. T. W. F., at 4.

A study of methods of teaching the German, organization of courses, lectures, discussions, reports, and observation.

FRENCH.

EQUIPMENT:

Given with the German. Students choosing a general language major may elect, in addition to the entrance requirement in language, a minimum of sixteen hours of college French with three units of secondary German, or Latin.

1. ELEMENTARY FRENCH I.

Five hours credit. First semester, and summer term.

Daily, at 9.

Fraser and Squair's French Grammar, part I; Snow and Lebon's French Reader. Dictation, memorizing, oral reproduction, conversation. Students not graduates of a high-school course can enter this course only by permission of the instructor.

2. ELEMENTARY FRENCH II.

Five hours credit. Second semester.

Daily, at 8.

Prerequisite, French I or one unit of high-school French. Fraser and Squair's French Grammar; Colin's Coutes et Sayuetes; Feuillets's Roman d'um Jenne Homme Pauvre; other work as in course 1.

3. MODERN FRENCH. *Three hours credit.* First semester.

M. W. F., at 8.

Prerequisite, French 1 and 2 or 2 units of high-school French. Grandgent's Prose Composition; Daudet's La Belle Univernaise; Coppie and Maupassant Tales; Augier's Le Gendre de Monsieur Poirier, and others.

4. SEVENTEENTH CENTURY DRAMATISTS.

Three hours credit. Second semester.

M. W. F., at 8.

Prerequisite, French 3. Grandgent's Prose Composition completed; Moliere's L'Avare; Racine's Athalie, Corneille's Le Cid.

GENERAL PEDAGOGY.

PSYCHOLOGY AND PHILOSOPHY.

Professor TRIPLETT.

Psychology.

Students selecting psychology and philosophy as their major subject are required to take at least ten hours of work in addition to required courses in the department. The remaining twenty hours necessary to complete the major may be selected from related departments upon the approval of the head of the department of Psychology and Philosophy.

1. ELEMENTARY PSYCHOLOGY.

Two hours credit. Each semester.

T. Th., at 10:30.

Required of all who have not had it in high school.

In this course the simpler aspects of the ordinary phases of mental activity are dealt with. Exercises are also given to develop introspection and to give familiarity with the mental processes. It is not expected in this short course to introduce the student to the whole field, but rather to emphasize and thoroughly ground him in a few fundamental ideas and to give him the right attitude toward the subject.

2. GENERAL PSYCHOLOGY. *Four hours credit.* Each semester.

M. T. W. F., at 10:30; summer, M. T. Th. F., at 10:30.

Required. This course is placed in the second year, but may be taken as early as the second semester of the Freshman year.

A systematic treatment of the subject is attempted. Some experimental work in the line of illustration and a number of class experiments are given. Individual topics are also assigned for thorough study.

3. CHILD PSYCHOLOGY. *Two hours credit.* Each semester.

T. Th., at 11:30; summer, M. T. W. F., at 11:30.

Elective, except for students preparing for grade work. Course 2 is a prerequisite.

Treats generally of the mental development of children, aiming to give a point of view. Seeks to give a knowledge of the nature and needs of the child at the different periods of his growth. Direct observations are made and various investigations studied.

4. GENETIC PSYCHOLOGY. *Two hours credit.* Second semester.

T. Th., at 8.

Elective. May be substituted for course 3 on securing permission of the instructor.

In this course a study of the mental life of animals is made, and comparisons drawn with human activity, especially that of children. All psychology is becoming genetic and functional in character, and a proper study of life activities of any kind, and especially those bearing upon education, must take into account this developmental phase of the subject.

5. EDUCATIONAL PSYCHOLOGY.

Three hours credit. Second semester.

M. W. F., at 8; summer, M. T. W. Th. F., at 8.

Required. In this course important topics in psychology are treated in their educational aspects. Many of these—of the utmost value for the teacher—such, for instance, as the learning process, economical methods of memorizing and making associations, the education of the senses, etc., have little or no space in the ordinary textbook. Each student also, as a special study, is required to deal with the psychology of some subject in the curriculum, as the psychology of spelling, of reading, of arithmetic, and the like.

6. PSYCHOLOGY OF ADOLESCENCE.

Three hours credit. First semester.

M. W. F., at 8.

May be taken in place of course 5.

A study of the important physical, mental and moral changes which are natural to adolescence. Given with the aim of laying a foundation for the pedagogy of secondary instruction.

7. ADVANCED PSYCHOLOGY. *Four hours credit.*

Elective. May by permission be substituted for required work. A course in which the subject is studied in considerable detail, as far as time permits.

8. PSYCHOLOGY OF RELIGION.

Two hours credit. (Not given in 1912-'13.)

Elective. A study of the psychological phases of religion, with the aim of improving the quality of religious pedagogy, particularly in Sunday-school and missionary work.

9. SOCIAL PSYCHOLOGY. *Two hours credit.* First semester.

T. Th., at 8; summer, M. T. W. F.

Elective. A study of those interests and instinctive tendencies of the mind that are the result of the community life of the race. It is meant to throw light on the nature of society and to give a basis for a more truly social pedagogy.

10. CLINICAL AND ABNORMAL PSYCHOLOGY.

Three hours credit. (Not given in 1912-'13.)

Elective. A study which includes disturbances and defects of personality. A study of the arrested and dull, the gifted and the genius. Attention is given also to the psychology of capacities and the Binet measuring scale of intelligence and other mental tests using Whipple's Manual. The various phases of the psychology of tension and catharsis, the methods of psychoanalysis, including the association method, hypnotism, etc., are given some attention.

Philosophy.

11. HISTORY OF PHILOSOPHY.

Four hours credit. First semester.

M. T. W. F., at 9.

Elective. This course includes: (1) Greek and Roman philosophy, with the emphasis on Plato and Aristotle. (2) Mediæval philosophy, a rapid survey of early Christian and scholastic philosophy. (3) Modern philosophy, from Descartes to Kant. In connection with the outline given, the masterpieces are read so far as time permits.

12. PHILOSOPHICAL SYSTEMS.

Three hours credit. Second semester.

M. W. F., at 9.

Elective. A systematic study of historical and current systems, such as materialism, realism, the various brands of idealism, etc.

13. PROBLEMS IN MODERN PHILOSOPHY.
Two hours credit.

Elective. A study of certain tendencies in modern thought, such as absolute idealism, pragmatism, Bergsonism, etc. The content of this course varies with the time of offering it. Timeliness is made the guide.

14. LOGIC—DEDUCTIVE AND INDUCTIVE.
Two hours credit. First semester.

T. Th., at 9.

Elective. This study aims to cover the ground usually embraced in such a course; the nature of the syllogism, the logic of scientific methods, varieties of fallacies, etc.

15. ETHICS. *Three hours credit.* Second semester.

M. W. F., at 9.

Elective. This course begins with a study of the developmental side of the subject. Attention is then given to the systematic side and practical applications made. Dewey and Tufts' text is used.

SCHOOL ADMINISTRATION AND SUPERVISION.

FOR CITY SCHOOLS.

Professor RILEY.

Students majoring in school administration and supervision will be expected to complete not less than ten hours of the following courses in addition to course 6. The remaining twenty hours necessary to complete the major may be selected from related departments upon the approval of the Department of Administration.

1. GRADES SCHOOL ADMINISTRATION, INTRODUCTORY COURSE.
Two hours credit. Each semester.

T. Th., at 10:30. During the summer term the class will recite four times per week, M. T. W. F., giving the same credit.

Either this course or the course in modern educational problems required for life diploma. This course is designed primarily for students preparing to teach in the elementary grades of city schools. The following topics are emphasized: The qualifications of the teacher, grading and promotion, the recitation process, discipline, study and preparation, school incentives, the school and the community. Text, Dutton, School Management.

2. ELEMENTARY ADMINISTRATION AND SUPERVISION.

Two hours credit. Second semester.

T. Th., at 8; double work summer term, M. T. W. F., at 8.

For ward principals and superintendents. Elective. May be substituted for course 1 upon the recommendation of the department. This course will include a study of systems of grading and promoting, the elementary curriculum, the daily program, records and reports, grade teachers' meetings, community centers, the relations between ward principals, teachers and superintendents.

6. SECONDARY SCHOOL ADMINISTRATION AND SUPERVISION.

Three hours credit. First semester.

M. W. F., at 10:30; double work summer term, M. T. W. F.

Principals and teachers, and superintendents. Required of degree students. This course is designed primarily for students wishing to study modern school problems, for example, financing of public education, units of school administration, the teaching staff, the high-school course of study, the administration of high schools, and the administration of physical and correctional education. The work is based upon Dutton and Snedden's text, Administration of Public Education in the United States, and Chancellor's text, Our Schools: Their Administration and Supervision.

7. PROBLEMS IN SECONDARY EDUCATION.

Three hours credit. First semester.

M. W. F., at 11:30; double work summer term, M. T. W. F.

Prerequisite, course 6. Elective. Intensive study of the problems of secondary education, such as the function of the high school, its relation to the elementary school, the university, and society; the program of studies; the pupil, the teacher, the principal and superintendent; organization and management, discipline, etc. The work of the leading high schools will be studied, but at the same time the practical needs of the smaller high schools will be kept in mind. Based on J. Franklin Brown's The American High School and Elmer Ellsworth Brown's The Making of Our Middle Schools.

8. NATIONAL SCHOOL SYSTEMS.

Two hours credit. Second semester.

M. W., at 11:30.

Prerequisite, course 6. Elective. A comparative study of the school systems of Germany, France, England and the United States. References and lectures.

9. NEEDED SCHOOL LEGISLATION.

Two hours credit. First semester.

The class will meet one evening each week for two recitation hours.

Prerequisite, course 6. The purpose of this course is to make a comparative study of the school laws of the different states and the various educational reports, with a view to framing one or more educational bills. Elective.

10. PRACTICAL PROBLEMS. FOR SUPERINTENDENTS AND PRINCIPALS. *Two hours credit.* Second semester.

The class will meet one evening per week for two recitation periods each meeting.

Prerequisite, course 6. This course includes a study of the practical problems of superintendents and principals, such as school supplies, construction of school buildings, heating and ventilating systems, janitor service, questions of discipline, the making and use of school records and reports, what to look for in visiting schools, complaints and how to deal with them. Elective.

11. EXPERIMENTAL PROBLEMS IN EDUCATION.

Two hours credit. First semester.

M. W., at 7 P. M.

In this course a study will be made of the status of present-day experimental problems in education, such as the various tests for the senses and higher mental and motor processes, recent educational measurements of arithmetical abilities, methods of teaching spelling, penmanship, reading, etc. Elective.

12. CURRENT EDUCATIONAL PROBLEMS.

Two hours credit. First semester.

T. Th., at 7 P. M.

Lectures and discussions of current educational problems, such as vocational education, physical and correctional education, the playground movement, health inspection, etc. Elective.

RURAL SCHOOL ADMINISTRATION.

Professor H. M. CUTTER.

1. RURAL SCHOOL PROBLEMS.

Three hours credit. Each semester.

M. W. F., at 8.

This course is intended for Seniors in the Secondary School, those who have had experience in teaching and are holders of a second grade certificate, and graduates of high schools who have not taken school administration in their previous course. It consists of a study of rural-school problems, about such as are outlined in course I. In this course, however, more emphasis will be placed upon rural conditions, and how to relate the school to farm life. One hour of credit will be given for visitation of the model rural school and the other two for the class-room work.

2. COUNTY SUPERVISION.

Two hours credit. Second half first semester.

M. T. W. Th., at 9.

In this course a study is made of certain sections of the Kansas school law, comparing our laws with those of other states. Other subjects considered are office work and the making of official papers, organization and administration of rural schools, maintenance of schools, supervision of rural schools, schoolhouse and grounds, consolidation, etc., using Professor Foght's American Rural School.

3. RURAL SOCIOLOGY. *Two hours credit.* Each half semester.

M. T. W. F., at 9.

This course consists of a discussion of the problems of rural life under the general topics of The Rural Problem, Rural Industrial Problems, and Rural Social Problems. We consider the specific problems of isolation, tenancy, roads, movement of farm population, home environments, schools, the church, farm organizations, social life, etc.

HISTORY AND PHILOSOPHY OF EDUCATION.

Professor STOWE.

History of Education.

MAJOR WORK. Students majoring in the history of education will be required to take not less than ten hours in the history of education in addition to course 3. The remaining twenty hours necessary to complete the major may be selected from related departments upon the approval of department of the History of Education.

1. MODERN EDUCATIONAL PROBLEMS. *Two hours credit.*
Each semester, and summer term.

T. Th., at 11:30.

All life diploma students are required to take either this course or course in grades school administration. Elective for degree students. Course 3, the history of modern education, may be substituted for this course by students intending to take degree.

The questions kept in mind in our discussions of some of the more important of our modern educational problems are: (1) How do we happen to have the problem? (2) What principles must be kept in mind in order to solve it? In our endeavors to solve these problems we utilize the thoughts of the best educational thinkers and the experiences of the most successful educators. Among the problems discussed are the problems of moral and religious education, the problems confronting us in our endeavors to educate all of the children at the expense of all the people, and the problems of educational values of the subjects of our elementary school curriculums.

2. CURRENT EDUCATIONAL LITERATURE.
One hour credit. Each semester.

First section, Th., at 9; second section, Th., at 9. Hours of other sections arranged to accommodate students unable to meet with first two sections.

Course may be taken a second semester, entitling student to a second hour of credit.

Elective. Open to students after the first semester of the Freshman year. This course aims: (1) to familiarize the student with the best educational magazines and with the current educational thought contained therein; and (2) to help the student form the habit of making use of the excellent collection of educational magazines to be found in our library. From these magazines students select articles in which they are interested, and of which they present brief reviews to the class. Frequently the reviews are followed by an informal discussion of the thoughts presented.

3. THE HISTORY OF MODERN EDUCATION.
Three hours credit. Each semester.

M. W. F., at 8.

Required of all degree students in the Junior year. May be substituted for course 1 by students intending to take the degree. This course aims to present the history of educational thought and practice from early Christian

times to the present in such a way as to furnish the student with a body of knowledge and a historical perspective which will not only help him to comprehend why things are as they are in the educational world to-day, but will also be of service to him in solving the problems of the schoolroom.

4. GREEK AND ROMAN LIFE AND EDUCATION.
Three hours credit. Second semester.
M. W. F., at 11:30. (To be offered 1913-'14.)
Elective. Open to senior students recommended by either History or Latin department. Through a study of the sociological phases of Greek and Roman education this course aims to be of service to students intending to become secondary school teachers of Greek and Roman history or of Latin. Important phases of the life of the Greeks and Romans of the several periods are studied in order to gain a clear conception of the evolution of the educational ideals and practices of these people and the influence of these ideals and practices upon Greek and Roman life.

5. GERMAN AND FRENCH LIFE AND EDUCATION IN THE NINETEENTH AND TWENTIETH CENTURIES.
Three hours credit. (Not offered 1912-'13.)

6. AMERICAN EDUCATION.
Two hours credit. (Not offered 1912-'13.)

11. EDUCATIONAL REVIEW CLUB. *One hour credit.*
Hour to be arranged.
Elective. Open only to Senior students recommended by the heads of college departments. Meetings of the club will be devoted to the discussion of brief reviews of recent books of interest to men engaged in the educational field. Membership is open to all members of the Faculty of the Normal School.

Philosophy of Education.

MAJOR WORK. Students majoring in the philosophy of education will be required to take not less than ten hours in the philosophy of education. The remaining twenty hours necessary to complete the major may be selected from related departments upon the approval of the department of the philosophy of education.

12. THE PRINCIPLES OF EDUCATION.
Three hours credit. Second semester.

M. W. F., at 9.

Required in Junior year of degree students. Prerequisite, course 3 in the department of the history of education, "The History of Modern Education." This course is devoted to a study of the aims of education considered from various points of view, to the discussion of the educational values of the studies contained in the curriculum and of the principles which should determine their selection and emphasis, and to a study of the nature and function of the most important educational agencies. An important aim of the course is to give the high-school teacher an opportunity to study the educational value of subjects other than those which he intends to teach, with the purpose of preparing him to coöperate more efficiently in realizing the aims of the school.

13. SOCIAL EDUCATION. *Three hours credit.*
First semester, and summer term.

M. W. F., at 11:30.

Elective. Open to students after first semester of Sophomore year. The course is devoted to consideration of the problem, What can our schools do to develop through their various activities the socially efficient citizen in our democracy? From this point of view a study is made of the curriculum, methods of studying and reciting, and student organizations, social, academic, and athletic.

14. MORAL AND RELIGIOUS EDUCATION.
Two hours credit. (Not given 1912-'13.)

15. THE PHILOSOPHY OF EDUCATION.
Two hours credit. (Offered 1913-'14.)

Elective course, open to students who have studied philosophy and the principles of education.

PRACTICE TEACHING.

The Training School offers teaching and observation in all grades from the kindergarten through the high school. Course 1 is required for the three-year certificate, courses 1, 3 and 4 for the life diploma, and courses 5 and 6 in addition for the A. B. degree. Prerequisite to course 1, elementary psychology. The number teaching in courses 3 and 4 each semester will be limited to seventy-five, and in courses 5 and 6 to twenty-five. In order to find room in the Training School teaching 3 and 4 should be taken the first semester of the Sophomore year and 5 and 6 the first semester of the Senior year by as many as can be admitted to the school.

1. GENERAL METHODS AND OBSERVATION.

Three hours credit. Each semester.

M. W. F., at 10:30.

This will be a course in observation under the direction of a critic teacher. The control of children through psychological laws, the form of presenting lessons, conducting reviews and drills, the outcomes of various procedures, making lesson plans, and occasional teaching of classes will constitute the major part of the course. The elementary topics of school management will be included in the course.

2. PRIMARY METHODS.

Four hours credit. Each semester, and summer term.

M. T. W. F., at 8.

Elective. The purpose of this course is to offer in lecture form a critical study of methods of presenting the principal subjects of instruction in the lower grades. This work is more extended and definite on the various subjects than is possible in the limited time available in connection with the academic and advanced treatment of the same. The teacher will be led to test methods and to govern their application of the same by the laws of the mind. After each subject is completed, illustrative lessons will be given with the pupils of the first three grades of the model school.

(1) Primary methods—meaning and purpose.

(2) Reading—a study of methods, past and present. The teacher's problems in connection with "beginning reading" without text. The teacher's problems when using the text. Thought work, including expression, dramatic work, etc. Mechanics melodic phonics, word study, drills, etc. Lists of the best readers.

(3) *Nature Study and Language.* Selecting the material for nature study. How used as a foundation for the language work. The purpose of language in the lower grades. The use of the picture, poem and story, and how correlate with the nature work. Mechanics of language.

(4) *Primary Numbers.* A study of methods, past and present. The teacher's guide in selecting and presenting material. What shall we teach? How? Means of presenting new ideas through use of objects, construction work, etc. Drills, purpose, formal drills, devices, games, etc.

(5) *Geography.* Its place in the primary course. Life work and map work throughout the lower grades. Home or local geography. Outdoor and field lessons, excursions

to shops, etc. The use of sand modeling, posters, stones, pictures, etc., in teaching primary geography.

(6) *Music.* The two phases of work—rote singing and the mechanics of music. Value and use of each. Tone work, breathing, rhythm, ear training, eye training; analysis of songs, and how to teach them.

Library Readings.

3. TEACHING. *Two hours credit.* Each half semester.

Daily. Student has charge of a class under close supervision.

4. TEACHING. *Two hours credit.* Each half semester.

Daily. Student will have more independent charge of class and will be held responsible for results. In this course students will demonstrate their ability in teaching.

5. TEACHING. *Two hours credit.* Each half semester.

Daily. Students taking this course may be required to do supervisory work or teaching as their needs may seem to suggest. Those preparing for principalships and superintendencies may be assigned to do general observation and critic work with a view to meeting the problems of an entire school. Those planning for high-school work may be given advanced classes to teach.

6. TEACHING. *Two hours credit.* Each half semester.

Daily. A continuation of course 5.

KINDERGARTEN.

Miss L. M. ALDER.

The Kindergarten Department, under the direction of Miss Louise Alder, offers a two-year Normal course which aims to give a thorough and practical training to those who desire to fit themselves to become kindergarten directors and teachers. It also offers helpful courses to students specializing in primary work. The department includes, beside the teaching class, a well-equipped kindergarten. Here the students are given ample opportunity for observation and practice in teaching. The kindergarten department, as an integral part of the larger whole, seeks to keep in close touch with the broadening educational field, and to bring its practices into accord with modern thought and methods.

1. PRACTICE TEACHING IN KINDERGARTEN I.

Four hours credit. Each semester.

Daily, 8, 9, 11:30.

For first year students. Students will spend 2½ hours daily observing or teaching in the kindergarten. They will prepare lesson plans, attend conferences, and observe and discuss work done by other teachers.

2. PRACTICE TEACHING IN THE KINDERGARTEN II.

Four hours credit. Each semester.

Daily, at 9, 11:30.

For second year students. A continuation of course 1. Students will teach in the kindergarten 2½ hours daily under supervision of critic teacher, prepare written plans, and attend conferences. Each student will be responsible for a group of children, and will be called upon to take charge of the kindergarten at stated times.

3. KINDERGARTEN TECHNICS.

Two hours credit. First semester.

M. W., at 10:30.

For first year students. A study of the activities of young children and their manifestations in play. An analysis of the common play materials of children as a basis for determining the principles governing the selection and use of materials in the kindergarten. The Froebelian gifts and occupations; the principles on which they are planned. Modern adaptations and modifications of these. Practice in manipulation of materials. A study of methods in the use of materials.

4. KINDERGARTEN METHODS AND MATERIALS—HAND WORK.

Two hours credit. First semester.

T. Th., at 10:30.

For first year students. Lectures, discussions and practical work. This course is adapted to those intending to teach primary grades as well as to those preparing for kindergarten teaching. A study of the principles and methods which give educative value to hand work for young children. The aim will be to discuss and use practically materials in which may be found the beginnings of art, and also materials which meet the constructive instinct as it functions in the play life of the child.

5. FROEBEL'S EDUCATIONAL THEORIES.

Two hours credit. First semester.

T. Th., at 3.

For second year students. A study of Froebel's writings, the "Mother Play Book" and the "Education of

Man," in order to ascertain his fundamental contributions to the theory and practice of education. Froebel's educational theory as an outgrowth of his philosophy. A study of kindergarten procedure as developed by Froebel compared with the kindergarten of to-day, reconstructed in the light of modern genetic psychology and child study.

6. PLAYS AND GAMES. *Two hours credit.* Second semester.

T. Th., at 2.

For first year students. This course is adapted to students intending to teach in primary grades as well as to students in the kindergarten department. A study of the different periods in a child's development, the instincts, impulses and natural play activities of each period. The significance of play as a factor in education; its relation to work. A study of different types of games, and a classification of these according to the age and interest of children. Selection and adaptation of games for kindergarten and for primary use. The actual playing of games.

7. THE KINDERGARTEN PROGRAM.

Two hours credit. Second semester.

M., at 2.

For second year students. The study of kindergarten activities and materials leading to the organization of a kindergarten program. The principles controlling such an organization. Each student will be required to write in outline a year's plan of work for a kindergarten, and will also plan the equipment for a kindergarten.

8. GENERAL PROGRAM. *No credit given.*

One hour each week. Throughout the kindergarten course. M., at 2.

Required of all kindergarten students. A study of the kindergarten program as it is carried out from week to week in the Normal School kindergarten, with a discussion of subject matter, materials and methods and a study of individual children. Students will be assigned periods for observation in connection with this course.

PHYSICAL SCIENCES.

Chemistry.

Professor IDEN.

1. GENERAL CHEMISTRY.

Four hours credit. Each semester.

Recitation at 11:30, M. T. W. F. Laboratory hours, 2 to 4, T. Th.

This is a course in inorganic chemistry. It includes a study of the fundamental principles and laws of the science with a detailed study of both nonmetallic and metallic elements. Much practice in writing reactions and solving chemical problems is given. General experiments and demonstrations accompany the daily recitations, and a minimum of four hours a week laboratory work is required.

2. QUALITATIVE ANALYSIS. *Four hours credit.* First semester.

Recitation at 2, F. Laboratory hours, 2 to 4, M. T. W. Th.

Prerequisite, course 1. This course covers the detection of metallic and nonmetallic irons and the analysis of salts and ores. It is almost wholly a laboratory course. A minimum of eight hours laboratory work and one hour recitation each week is required.

3. QUANTITATIVE ANALYSIS.

Four hours credit. Second semester.

Recitation at 2, F. Laboratory hours, 2 to 4, M. T. W. F.

Prerequisite, courses 1 and 2. This course includes both gravimetric and volumetric methods of quantitative analysis. It is a laboratory course requiring a minimum of eight hours laboratory work and one hour recitation each week.

4. ORGANIC CHEMISTRY. *Four hours credit.* Each semester.

Recitations at 8, M. T. W. F. Laboratory hours, 2 to 4, Th.

Prerequisite, course 1. The aim in this course is to give a comprehensive view of the various classes of hydrocarbons and their derivations through the study of some selected types. It is a textbook and lecture course, with a minimum of two hours laboratory work each week.

5. SPECIAL ANALYSIS. *Four hours credit.* Second semester.

Recitation hours at 9, M. W. Laboratory hours, 2 to 4, T. Th.

Prerequisite, courses 1, 2, 3 and 4. This class will vary in its program. The work will include analysis of water, milk and various food substances. The course may be taken for half a semester with a two-hour credit.

6. AGRICULTURAL CHEMISTRY.

Three hours credit. Each semester.

Recitations and laboratory work, 4 to 6, M. W. Th.

Prerequisite, courses 1, 2 and 4. The application of chemistry to the study of soils, soil analysis, plant nutrition, and soil fertilization. The general relation of chemistry to various farming operations will be studied.

PHYSICS.

Professor LEWIS.

Equipment.

The College has recently added a large amount of high-grade apparatus, so that all phases of the subject can be readily shown in lecture demonstrations. Also all necessary instruments of precision are available, so that sufficiently advanced students may obtain a first-hand knowledge of the subject through accurate quantitative laboratory measurements. This advanced laboratory work is an integral part of these courses, and accompanies class work. The laboratory is fitted with all necessary appliances to facilitate the work. A fully equipped switchboard has wires leading to each table. This makes it possible to use anywhere in the room the high-grade alternating- and direct-current meters which are mounted on the board, also the power current, the rotary converter, the large storage battery consisting of the ordinary lead cells, as well as a battery of the new Edison cells, etc. A separate room is devoted to the spectroscope and its accessories. Another separate room is used for photometry. In all the work the professional view is maintained. Every course is a teacher's course. The equipment is designed and the experiments and class work are carried out with the thought constantly in mind that the student is to be a future teacher.

1. MECHANICS OF SOLIDS AND FLUIDS; SOUND.

Four hours credit. Each semester.

Daily, at 9, first semester; 9, second semester.

A course for college students who have not had elementary physics in some secondary school. Prerequisite, one year of algebra. Plane geometry is not absolutely essential, but a working knowledge of the subject is strongly advised.

Industrial applications of the subject are continually emphasized. Trips are made to factories, power houses, etc., in the vicinity. Heating and lighting of the home and schoolhouse are studied from their scientific aspect. Applications of electricity in the home are emphasized—the power and cost per candlepower of various lights, the telephone and telegraph, wireless telegraph, X-rays, power currents, etc.

2. HEAT, LIGHT, MAGNETISM AND ELECTRICITY.

Four hours credit. Each semester.

Daily, at 10:30, first semester; 11:30, second semester. Prerequisite, Physics 1.

This course, together with Physics 1, constitutes a strong year's work in elementary physics. It is intended for students of college rank and does a grade of work which can not be equalled in the ordinary high school. In planning the course the special needs of our students have been carefully considered. The majority will soon be engaged as teachers of other subjects in grade and high schools. Therefore, while due regard is given to mathematical formulæ and the quantitative phases of the subject, the chief aim throughout is to make "natural" the phenomena of Nature, by means of a familiarity with and a thorough knowledge of the underlying principles.

3. MECHANICS OF SOLIDS AND FLUIDS; HEAT.

Four hours credit. Each semester.

Daily, M. T. W. F., at 8, first semester; at 8, second semester.

This is a general college course. It presupposes Physics 1 and 2 or equivalent. Text used will be Millikan's "Mechanics, Molecular Physics and Heat," Carhart's "College Physics," Kimball's "College Physics," or some text of equal rank. (See Physics 4.)

4. ELECTRICITY, SOUND AND LIGHT.

Four hours credit. Each semester.

At 11:30, first semester; 11:30, second semester.

This is a general college course. It should follow Physics 3, and together with it constitutes a complete year's course in college physics. Meets four hours per week in addition to laboratory work.

PHYSICAL TRAINING.

Professor FRANK W. WHITE.
Director PAUL B. SAMSON.
Director MIRIAM THAYER.
Mr. CLAIR K. TURNER.
Mr. FRED L. HONHART.
Miss ELEANOR KITCHIN.
Miss BERNICE JOHNSON.
Miss CHARLOTTE LEWIS.
Mr. CHARLES E. ARMSTRONG.

The courses in this department are designed to improve the bodily health and personal efficiency of the students, and to enable them to carry into the schoolroom the knowledge of how to make it a place of normal and symmetrical growth. Work in this department is required of all students, unless regularly excused on account of physical infirmities. In such cases special corrective work can be taken under prescription by the physical directors.

Bath Fees.—A small charge is made each term for the use of locker and bathroom, and entitles the student to a clean towel each time the bath is used.

Athletic Fees.—Those who take the work in any of the athletic sections are required to pay the annual fee of two dollars, which entitles the ticket holder to admission to all intercollegiate games on Normal Field under the management of the School for one year from date of payment of fee. For those who are in attendance during the spring and summer term alone, a special fee of one dollar is charged for the above privileges, which entitles the student to a season ticket for one term only. The foregoing regulations as to fees apply to both the men's and women's departments.

Gymnasium Costume for Men.—The regulation gymnasium costume will be worn in the classes, and will consist of a white sleeveless shirt, full length Turner or Y. M. C. A. trousers, and the regulation gymnasium or tennis shoes. The suits may be had of local firms for a maximum price of three dollars. In order that costumes may be uniform, students are advised to make their purchases after arrival.

Gymnasium Costume for Women.—A regulation costume is worn in all the classes. This consists of a black serge gymnasium suit and broad-toed black tennis shoes, sold by local merchants. In order that the suits be uniform and hygienic, students, on arrival, are advised to report at Miss Thayer's office, where the second-hand suits of out-going students will be sold for about four dollars, or where new ones may be ordered for five dollars.

MEN'S AND WOMEN'S DEPARTMENTS.

1. PHYSICAL TRAINING THEORY.

Two hours credit. Each semester.

T. Th., at 11:30

This course includes the general theory of physical education. The following subjects are discussed: Laws of

growth of the human body; effects of exercise on growth, physiological and psychological effects of exercise; the functions of exercise; the relation of bodily defects to growth; postural habits of pupils; first aid to the injured; and symptoms of contagious diseases. The course will be given at least three times each year, and will occupy four hours per week for ten weeks. Elective.

15. PLAY AND PLAYGROUND GAMES.
Two hours credit. Each semester.

M. W., at 11:30.

Psychology of play, adaption of play to varying ages, necessity of supervision of play, construction and equipment, organization and daily program; history and literature of the playground movement.

16. ANATOMY. *Five hours credit.*

(See Human Anatomy, department of Physiology and Hygiene.)

17. PHYSIOLOGY. *Three hours credit.*

(See Advanced Physiology, department of Physiology and Hygiene.)

18. APPLIED ANATOMY. *Two hours credit.*

Lectures and demonstrations dealing with joint mechanisms, working forces, and effects of postures and movements.

19. ANTHROPOMETRY. *One hour credit.*

Includes a study of relationship between different parts of body of the same individual, between different individuals, between an individual and the type to which he belongs. The laws of normal growth are studied. The value of the different measurements and proportions of the body, with instructions and practice in the correct methods of taking and recording them.

20. FIRST AID TO THE INJURED. *One hour credit.*

(See department of Physiology and Hygiene.)

21. PRESCRIPTION OF EXERCISE. *Two hours credit.*

One hour a week. Open to students who wish to specialize in this department. In this course the student not only learns how to make and record the physical examinations, but to detect physical defects and give correct exercises to remedy them.

22. MASSAGE. *Two hours credit.*

Theory and practice. One hour a week. Open to all students, and required of those who specialize in this department. In this course are given both the practice and the theory of massage for practical purposes. When proficient enough the class have the opportunity of treating students in the corrective class who need help for spinal curvature, weak backs, sprains, and pronated ankles.

23. BIBLIOGRAPHY OF PHYSICAL TRAINING. *One hour credit.*

A comparative study is made of the different systems of classification in physical training, and of bibliographical methods. A working bibliography is prepared upon a selected topic.

24. HISTORY OF PHYSICAL EDUCATION. *Four hours credit.*

An outline study of the periods in physical training. Lectures and assigned readings. A theme prepared upon an assigned topic.

25. HISTOLOGY. *Two hours credit.*

(See department of Physiology and Hygiene.)

31. PERSONAL HYGIENE. *Two hours Credit.*

(See course 6, department of Physiology and Hygiene.)

32. PSYCHOLOGY OF ADOLESCENCE. *Four hours credit.*

(See course 6, department of Psychology and Philosophy.)

33. CHILD PSYCHOLOGY. *Two hours credit.*

(See course 3, department of Psychology and Philosophy.)

34. PHYSIOLOGY OF EXERCISE. *Two hours credit.*

The different types of exercise are studied, with reference to their effects upon growth and organic vigor.

MEN'S DEPARTMENT.

Required, four hours, or one hour per semester for two years. Three hours' work per week in gymnastics or athletics during one semester equals a one-hour credit. Of this requirement, at least two hours must be in the regular gymnasium class work and one hour must be in some of the athletic sports, leaving one hour elective for more athletics or more gymnastics. The remaining two hours' requirement may be of the type just described, or may be elected from the various athletic sections—football, both the intercollegiate and association or soccer games; basket ball, baseball, and track athletics. Regular attendance is required at these exercises, just as in the regular class work

of the gymnasium, and records are kept of attendance and proficiency.

Since the midwinter terms are best for gymnastic work and the fall and spring for athletic sports, the student is advised to take his work in that order.

2. ELEMENTARY GYMNASTICS.

Marching tactics, free-hand and light apparatus exercises and gymnastic games. Special attention is given to the correction of faulty posture and carriage of the body.

3. INTERMEDIATE GYMNASTICS.

Body-building and corrective exercises, gymnastic dancing steps, heavy apparatus exercises, and elementary tumbling.

4. ADVANCED GYMNASTICS.

Offered the third and fourth terms to those prepared to take up athletics and folk dancing, individual and companion tumbling, and difficult exercises upon the heavy apparatus. To each member of the class who is able to pass the examination in exercises on the parallel bars, horizontal bar, side horse, flying rings and tumbling mats is given an emblem, consisting of two bars and a diamond made of old gold felt, which is to be worn on the white gymnasium shirt over the left breast. To those of this class who are not able to do the most advanced work but can pass the examination in the more simple exercises, the two bars without the diamond are given. Crowning the emblem is a crescent of the same material, which is given to advanced students who are majoring in physical training and are able to conduct classes through the regular day's order. Students trying for the emblem must wear the regulation gymnasium suit, which must be clean and in good condition.

5. METHODS OF TEACHING.

For Seniors of the Normal College two-year course who are completing their required four hours' work in physical training. Methods of handling classes in tactics, free-hand exercises, nomenclature and progression of exercises on heavy apparatus are taught. May be substituted for course 6.

6. PRACTICE TEACHING.

The two years' required work in physical training is completed by doing assistant teaching for one term in that part of the work in which the student is most proficient. This practice teaching is done under the direct supervision of the instructor in that department.

7. PUBLIC SCHOOL METHODS.

This course is for men of college grade who expect to be teaching in the public schools soon, and is designed to give a working knowledge of the subject of physical training that can be applied to public school work. The course continues through the whole year, the fall term being devoted to tactics, free-hand and light apparatus drills, and a study of soccer and recreative football and other fall playground games. The two winter terms are devoted to corrective and body-building drills suitable for public school work, basket ball for both girls and boys, and a thorough course in playground games of all kinds. Special attention is given to the arrangement of games and the manner of scoring in game contests and play festivals. The spring term is taken up in a study of track athletics, the rules for managing track meets, and the manner of coaching teams. One hour each term is given over to demonstrations in bandaging and a talk concerning the care of injuries commonly met with in the gymnasium and on the athletic field.

8. FOOTBALL.

Given during second ten weeks only, to men in good physical condition as shown by physical examination. The squad is divided into teams according to ability.

9. SOCCER FOOTBALL.

Given during second and third ten weeks. Individual and team practice. Valuable both as a vigorous game demanding speed and endurance, and as a preparation for track athletics and basket ball.

10. BASKET BALL.

Classes are organized each term of the year. The A. A. U. game is taught to elementary classes and the inter-collegiate game to the first and second teams.

11. BASEBALL.

Given during the first, fourth and fifth ten weeks. Individual and team practice. The squad is divided into teams graded according to ability.

12. TRACK AND FIELD ATHLETICS.

Given during fourth and fifth ten weeks, only to men in good physical condition as shown by physical examination. Cross-country running is given during the third and fourth ten weeks.

13. TENNIS.

Given during first, second and fifth ten weeks. Tournaments in both singles and doubles are held during first and fifth ten weeks.

14. SWIMMING.

Elementary and advanced instruction is given during each term of the year.

30. FENCING.

Classes will be organized as demand indicates. Individual and class instruction.

In the practice of indoor and outdoor sports, attention is given to form and technique; adaptability of the individual to the various sports; conditions; rules and methods of scoring; team work and strategy. Teams for inter-collegiate competition are maintained in football, soccer football, basket ball, track athletics and tennis.

The rules governing eligibility for participation in inter-collegiate contests are those of the Kansas College Athletic Conference.

WOMEN'S DEPARTMENT.

PURPOSE: The aim of the department is two-fold: First, to bring each student to her best possible physical condition, and by a careful system of gymnastic training to correct faulty posture and carriage, to aid in the formation of habits of hygenic living, to establish a normal condition in the circulatory and respiratory systems, to secure bodily vigor, and to obtain a healthful and symmetrical development, rather than to secure the greatest increase in muscular power. Students are under the care of teachers who have had thorough medical training and will be given special medical or corrective exercises prescribed according to individual needs as indicated by their physical examinations. In order that the effect upon the muscles may be lasting and best results be obtained, students will not be excused from physical training until the required courses are satisfactorily completed, but the work will always be adapted to the individual needs. Second, to qualify them, as teachers, to intelligently consider the physical needs of their pupils, and to direct in the schoolrooms, daily exercises which will prevent or help to correct physical defects; also to teach in their playground, athletics, games, and folk dances.

Two-year College Course.

Required, four hours. (Three periods of work per week in gymnastics, athletics or other elective work during one semester of twenty weeks equals a one-hour credit.) Of this requirement one hour must be in athletics or other elective work, but the other

three hours must be regular gymnasium class work, which consists of marching tactics, free-hand or light-hand apparatus exercises, games or fancy steps. Courses 2, 3, 5 and 6 must be included in this requirement. A semester of gymnastics must be completed satisfactorily before a student may substitute electice work.

Four-year College Course.

Required, four hours. (Same as requirement for two-year college course.)

2. ELEMENTARY GYMNASTICS.

   Required of all beginners. Three periods a week for ten weeks.

3. INTERMEDIATE GYMNASTICS.

   Required of all students who have completed course 2. Three periods a week for at least twenty weeks.

4. ADVANCED GYMNASTICS.

   Open only to students who have passed course 3 with high grades and are physically adapted to apparatus exercises.

5. PRACTICAL GYMNASTICS.

   Required of all students during their second year of College work. Three periods a week for twenty weeks.

   (*a*) During the first ten weeks of this course, students who have a good posture and accurate form in their work may be allowed one period for athletic or æsthetic work.

   (*b*) During the last ten weeks, the students learn to teach in the corrective classes prescriptions of exercises that may be used to correct common physical defects in children and older girls.

6. METHODS AND PRACTICE TEACHING.

   Required of all students before completing the second year of the College course. Three periods a week for ten weeks. Fifty weeks of gymnastics, twenty weeks of athletics or other elective work are required before the election of this course.

7. CORRECTIVE GYMNASTICS.

   Open to all students who have need of remedial work. Special attention is given to those having spinal curvature, round shoulders, narrow chests, forward heads, weak backs, pronated ankles, or other physical weaknesses.

8. OUTDOOR SPORTS.

   Open to all students who have completed two terms of gymnastics. Three periods a week in the spring and

fall terms. In this course are taught a variety of games, including baseball, soccer, playground ball, cross-ball, track athletics and relay racing.

9. SOCCER.

Open to students who have passed twenty weeks of gymnastics. One period a week for the fall term.

10. BASKET BALL.

Open to all students physically qualified. One period a week.

11. BASEBALL.

One period a week in the spring term.

12. HOCKEY.

One period a week in the spring and fall terms.

13. TENNIS.

Open to all students having the privilege of electing athletics. One, two, or three periods a week.

14. SWIMMING.

One lesson a week is allowed each student.

26. ÆSTHETIC DANCING (elementary).

Two periods a week. The purpose of this course is to develop grace and freedom of movement. The classic dancing is emphasized, and is now considered one of the most important phases of gymnastic exercise.

27. FOLK DANCING (elementary).

One period a week. In this course are taught the simple peasant and national dances suitable for recreative and exhibition work with children.

28. ÆSTHETIC DANCING (intermediate).

Open to all students who have completed course 26.

29. FOLK DANCING (intermediate).

One period a week. Open to all students who have completed course 27.

30. FENCING.

One period a week.

35. INDIAN CLUBS.

One period a week.

36. CROSS BALL.

One period a week.

PUBLIC SCHOOL MUSIC.

Professor BEACH.
Miss STROUSE.
Miss BOOMHOWER.
Mr. WINGATE.
Miss SCHUMACHER.

A comprehensive and practical course for teachers and supervisors of music has been in operation for four years. A considerable number of graduates are successfully teaching in Kansas and adjoining states. In 1912, seventeen completed the requirements of this course.

In addition to the academic work deemed essential for a proper general equipment, there is offered specific training in sight singing, ensemble practice, elementary harmony and ear training; courses in the appreciation of music, both for the development of the individual and for teaching purposes; definite experience in the planning of outlines for the various grades, as a part of the course in public school music methods; instruction in individual voice production and singing, as well as in the care and development of children's voices; experience in chorus conducting, and practice teaching of classes of children in the model training school under the criticism of a supervisor of wide preparation and experience.

The teachers engaged in this work number five, and have been specially prepared in this country and in Europe. The close correlation between the methods and practice in the Normal High School, in the Normal proper, and in the Training School affords unusual opportunity for the acquisition of theory and its application in the various subjects related to the teaching of music in the public schools.

A public school music certificate is awarded upon completion if twenty-four hours of sight singing, methods, chorus drill, voice, practice teaching, appreciation, conducting and ensemble.

A supervisor's diploma is granted to holders of the public school music certificate upon completion of an additional year of work which shall comprise five hours of psychology and English, eight hours of instrumental and vocal instruction, fifteen hours of class work, including ear training and harmony, history of music and melody writing, and one semester of supervision of practice teaching.

Several of the following courses, which are both cultural and practical, are offered, to prepare the prospective teacher and principal to mold the taste of his school and community along musical lines.

The issuance of credit in certain courses depends largely upon the relative gain in proficiency, account being taken of the varying degrees of natural ability and previous training. Since each person's voice demands individual treatment, it is not possible to express in definite terms a method of singing. The following

general statement will, however, be of interest to prospective students:

In the development of voices, particular stress is laid upon correct control of the breath; the acquisition of a perfectly blended scale; the elimination of the sensation of "going up" or "going down" to tones; the establishment of distinct enunciation and finished diction; the development of an artistic yet individual power of interpretation. The director or teachers of the department are ready at stated hours to test voices and suggest courses to meet individual needs. Contrary to the commonly accepted idea, not the few but the majority can cultivate the art of singing. The mass of public singers to-day are not highly gifted; rather are they persons of average ability coupled with application and wise study.

1. SIGHT READING FOR ADULT BEGINNERS.
Two hours credit. Each semester.

M. W., at 8.

Deals with the elements of music, rote singing, the facts of time and tune with their staff representation, leading to the reading of one-part music.

7. RAPID ONE-PART SIGHT SINGING.
Two hours credit. Each semester.

T. Th., at 9.

Open to students who have had music prior to college entrance.

8. INTERMEDIATE SIGHT READING.
Two hours credit. Second semester.

T. Th., at 10:30.

This course is designed to succeed 1 or 7.

3. ADVANCED SIGHT SINGING.
Two hours credit. Second semester.

M. W., at 11:30.

Writing and recognition of intervals and chords. Reading in three and four parts.

4. KINDERGARTEN AND PRIMARY MUSIC METHODS.
Two hours credit. Second half each semester.

M. T. W. F., at 9.

A development of the sense of rhythm and melody; selection and presentation of rote songs and treatment of the child voice. Required for the kindergarten certificate and supervisor's diploma.

5. PUBLIC SCHOOL MUSIC METHODS.

Two hours credit. First half each semester, and summer.

M. T. W. F., at 8.

An outline of the work of the various grades, choice and use of material, children's voices and interpretation. Prerequisite, course 8 or an equivalent. Required for practice teaching with music in the Training School and for the public school music certificate.

6. SYSTEMS. *One hour credit.* Second half second semester.

T. Th., at 8.

A comparative study of the several systems of public school music and their application.

9. RURAL SCHOOL TEACHERS' COURSE.

Three hours credit. Summer term.

Daily, at 8.

This course deals with the subject matter and methods of public school music for ungraded and small schools in third-class cities. Drill in rhythm and intervals and individual singing are included.

10. CHORUS CONDUCTING. *One hour credit.* Summer term.

T. Th., at 7 P. M.

This includes the problems of classifying voices, effective arrangement of parts, selection of material, correct use of baton, and the securing of variation in tempo and dynamics.

12. CHORUS SINGING I. *Two hours credit.* Throughout the year.

T. Th., at 7 P. M.

Two hours credit for two semester's rehearsals.

13. CHORUS SINGING II. *Two hours credit.* Throughout the year.

T. Th., at 7 P. M.

Continuation of 12. Condition of credit the same.

14. ADVANCED ENSEMBLE PRACTICE.

Two hours credit. Each semester.

M. Th., at 11:30.

A study of the various vocal forms, including chant, anthem, cantata, oratorio, and opera. Open to advanced students or especially qualified under-classmen.

15. EAR TRAINING AND ANALYSIS. *Two hours credit.*

Singing and recognition of triads, seventh chords and modulation.

16. MELODY WRITING. *Two hours credit.*

Development of the creative faculty, practical application of simple rules for rhythmic and melodic progressions. Adaptation of verse and music.

17. OUTLINES OF MUSICAL HISTORY. *Two hours credit.*

A study of the vital facts in the history of music, with the purpose of employing these in eighth grade and high-school courses.

11. VOICE TRAINING. *One hour credit.*

Class work, dealing with accoustics as related to vocal physiology, the relation of the speaking and singing voice, relaxation, respiration and resonance. Open to students who have had elementary and intermediate music, and who are carrying related work.

18, 19, 20, 21. INDIVIDUAL VOICE TRAINING.

Two hours credit. Biweekly each semester.

Students are permitted to carry one of these courses in addition to four regular subjects. Hours arranged with instructors.

22. INDIVIDUAL VOICE TRAINING.

One hour credit. Biweekly throughout the year.

Designed to accompany course 11.

23. METHODS IN VOICE TRAINING. *One hour credit.*

For supervisors and prospective teachers of singing.

24. LIBRARY READING. *One hour credit.*

25. APPRECIATION OF MUSIC I. *One hour credit.*

First half each semester, and summer term.

M. W., at 3.

Designed to acquaint students with standard vocal and instrumental compositions, and to enable them to listen discriminatingly. For study and illustration there are employed records for the Victor and Columbia, together with rolls for the Pianola.

26. APPRECIATION OF MUSIC II. *One hour credit.*

Second half each semester, and summer term.

T. Th., at 3.

A study of musical compositions through the analysis of characteristic vocal and instrumental forms. Typical operas of Verdi and Gounod and some well-known sonatas and symphonies of Beethoven and his predecessors. In order to make possible a closer acquaintance with the compositions studied, as well as a familiarity with the

phonograph and piano player, students who are enrolled will be allowed, under certain regulations, to use the instruments. As a protection against damage to records and rolls a small laboratory fee may be required.

27. A CAPELLA ENSEMBLE I. *One hour credit.*

Unaccompanied chorus work in girls' and men's choruses. Prerequisite credit, four hours of sight singing.

28. A CAPELLA ENSEMBLE II. *One hour credit.*

A continuation of course 27, and leads to the presentation of simple operettas and cantatas, suitable for high-school students.

SPEECH ARTS.

Professor RITCHIE, Miss MEDDERS.

Expression verifies and completes impression. The speech arts are the means of expression most universally used. Power in speech is an evidence of the normal development of the individual human being. Power in public speech is an essential element in the maintenance of liberty. Eloquence and liberty go hand in hand. "Eloquence," says Emerson, "is the power of putting one's thoughts into language intelligible to the hearer." Effective expression through the speech arts is assured only through the utilization of all one's powers.

SPECIAL-PROFICIENCY CERTIFICATES. Those desiring certificates of special proficiency in primary teaching and electing subjects in speech arts are required to take the beginning course in story telling, for primary work, and course 3 in reading, for intermediate or grammar grades.

MAJOR. The selection of the courses constituting a major in this department is made in consultation between the student and the head of the department. Experience, aptitudes and professional plans are taken into consideration.

It is advised that consideration of the question of the major be begun as early as the second semester of the Freshman year.

Questions of choice of courses adapted for preparation for one- or three-year certificates or for the life diploma should be settled after consultation with the head of the department.

Professor Ritchie offers courses 6, 7, 8, 9, 10, 11, 12, 13; Miss Medders, 1, 2, 3, 4, 5, 14, 15, 16, 17, 18, 19.

1. STORY TELLING AND EXTEMPORANEOUS SPEAKING.

Four hours credit. Each semester, and summer term.

M. T. W. Th., at 8.

Story Telling.—A practical rendering of myths, fables, allegories, old ballads, folk lore, stories, etc., brings the student into such contact with these primary literary

forms as will awaken a consciousness of form in his own expression, and will stimulate his imagination, feeling and creative power.

Extemporaneous Speaking.—Students are encouraged to talk on subjects in which they are interested, or about which they have been reading. After-dinner speeches, toasts, jokes, and all kinds of discussions are practiced, with the view of developing the power to think on the feet, and of leading the student to "find himself," to become conscious of his limitations, his powers, his possibilities.

2. READING. *Three hours credit.* Each semester.

M. T. W. F., at 2.

The purpose of this course is to be thoroughly educational. It awakens the student to an appreciation of what is best and noblest in literature and life. Literature is studied by oral interpretation. There is much practice in the reading of prose, and in narrative, lyric, dramatic and epic poetry.

3. METHODS. *Three hours credit.*
Second semester, and summer term.

M. W. F., at 8.

The work in methods of teaching reading is based upon psychological principles. A study is made of the kinds of reading; nature of oral reading; function in education. Adaptation of the principles of reading to the problems of the different grades. Practice work in teaching is required of each student.

4. ELOCUTION. *Two hours credit.* First semester.

M. W., at 10:30.

The method of developing the voice and body is both technical and psychical. Voice training is divided into two steps: (*a*) The securing of right tone production; (*b*) the improvement of speech.

Body training. Study of the different agents of bodily expression. Function of each. Study of the language values of the actions of the body.

5. LYRIC POETRY. *Two hours credit.* First semester.

T. Th., at 10:30.

Nature of lyrics. Importance of interpreting lyrics through the voice. Effect upon the voice. Reading and recitation of the best examples.

6. VOCABULARY. *Two hours credit.* Each semester.

T. Th., at 8.

Language is the chief means of communicating thought. it is also an unfailing indication of the extent and content of the thought. In this course is begun a study of the sources and growth of the English language. A brief survey is made of the inflowing streams of words and the race modifications which have contributed to make our language. The student partially completes a classification of his vocabulary, examining each word with reference to its expressional value as he has used it and comparing those values with the meanings indicated in the language of the best writers and speakers. This makes possible an intelligent and systematic increase in the vocabulary.

7. RHETORIC, ORAL. *Three hours credit.*
Each semester, and summer term.

M. W. F., at 10:30.

Oral discourse has a rhetoric of its own. This course deals with the principles and laws of composition as they operate in speech. Preparation and presentation are shaped for their effect upon the hearer. Form is valued only as an auxiliary to force; grace and beauty, only as conducing to acceptability of the message. Recommended for Freshman year.

8. ORATORY. *Two hours credit.* Second semester.

T. Th., at 10:30.

At other periods on request of sufficient number.

In this course three things receive especial attention. First, an examination is made of the function of oratory in the development and maintenance of society. Second, the fundamental principles of the oration are discovered and exemplified. Third, the importance of keeping in mind the effect upon the hearer is emphasized. One oration is required.

Course 5, oral rhetoric, is advised as a preceding course; and after June, 1913, it will be a prerequisite.

9. ARGUMENTATION, BEGINNING.
Three hours credit. Each semester, and summer term.

M. W. F., at 9.

A good text is followed in a study of the principles of argument. Great argumentative speeches are analyzed. The chief attention is given to analysis, proof and briefing. The principles involved are put into practice. Propositions of current interest are debated.

10. ARGUMENTATION, ADVANCED.

Two hours credit. Each semester.

T. Th., at 9.

A review of analysis and proof. Continuation of briefing. A more extended study of fallacies and refutation. The work of the courts is observed. Full briefs of one or more propositions required. Class debates are held. Prerequisite, courses 5 and 7 or an equivalent.

NOTE.—Debate teams representing the School are chosen from students who have taken or are taking these courses.

11-12. DEBATING.

Classes for practice in debating are formed as occasion demands. Credit is given according to work performed. It is strongly urged that students join a debating club and participate actively in its work.

13. PARLIAMENTARY LAW.

Two hours credit. Each half semester.

M. T. W. F., at 11:30.

Manuals of parliamentary law are used and their respective merits are indicated. Familiarity with parliamentary procedure is secured in actual practice. Skill in guiding a deliberative assembly is acquired through experience in presiding. Opportunities for practice in extemporaneous speaking are afforded in connection with this work.

14. SCHOOL ENTERTAINMENT.

Two hours credit. First semester.

T. Th., at 12:30. Prerequisite, courses 1 and 2.

This course is especially arranged to meet the needs of teachers who are interested in training declamation contestants; in preparing programs for literaries and public school holidays; and in staging high-school plays. Informal recitals, affording practical platform experience, will be given the first Wednesday in each month.

15. STORY TELLING (advanced).

Two hours credit. Second semester.

T. Th., at 10:30.

Dramtic and epic narration. The needs of each student will be studied and such stories will be assigned to him as will best awaken his dramatic instinct, quicken his imagination, and unfold his personality. Prerequisite, course 1.

16. DRAMATIC INTERPRETATION.

Two hours credit. First semester, and summer term.

T. Th., at 11:30.

Shakespeare and Browning. Opportunities will be offered the student to secure a practical knowledge of comedy, tragedy and the monologue. Thorough training will be given in the reading of lines, in interpreting character, and in the principles of stage business. Students who show marked ability in this course will be recommended to membership in the Dramatic Club.

17. DRAMATIC REHEARSAL. *Two hours credit.* Second semester.

Hour to be determined.

Dramatic applicants will be examined and classified according to needs and experience. The work done in this course will be with a view of public presentation on the stage. Prerequisite, course 16.

18. PLATFORM ART. *One hour credit.* Each semester

Hour to be determined.

Students enrolling in this course will receive individual attention. Advanced work in the vocal interpretation of literature and in platform art will be given. The abridging and rendering of masterpieces of fiction. The giving of monologues and dramatic impersonations. Selections will be especially prepared with a view to presentation on platform. Prerequisite, courses 1, 2, 4, 5, 15, 16.

19. VOCAL INTERPRETATION OF THE BIBLE.

One hour credit. Each semester.

Hours to be determined.

THE SECONDARY SCHOOL.

(125)

The Secondary School.

FACULTY.

JOSEPH H. HILL, President of the State Normal School.
JOHN H. GLOTFELTER, Vice-President of the State Normal School.
J. R. JEWELL, Principal of the Secondary School.
FRANK U. G. AGRELIUS, Instructor in Botany and Agriculture.
JANE K. ATWOOD, Instructor in Geography.
F. L. BLACK, Instructor in Latin.
MILDRED BOOMHOWER, Instructor in Public School Music.
D. HORTENSE BROOKOVER, Instructor in German.
D. SOPHIA DONICA, Instructor in English.
W. H. KELLER, Instructor in Mathematics.
ELEANOR H. KITCHIN, Instructor in Physical Training.
CELIA I. MANNING, Instructor in Commerce.
MAUDE E. MINROW, Instructor in American History.
KATHERINE MORRISON, Instructor in Drawing.
EMMA C. OSTLUND, Instructor in German.
CHAS. R. PHIPPS, Instructor in Agriculture.
GEORGIA RENEAU, Instructor in English.
CARL W. SALSER, Instructor in Government and American History.
ANNA E. SNYDER, Instructor in English.
D. ANNA SPEER, Instructor in Latin and English.
CATHARINE E. STROUSE, Instructor in Public School Music.
CLAIR K. TURNER, Instructor in Physical Training for Men.
W. A. VAN VORIS, Instructor in Physiology and Physics.
CHAS. A. WAGNER, Instructor in Mathematics.

REGISTRATION AND ENROLLMENT.

Graduates of the common schools, eighth-grade graduates, and students who have finished a part of their high-school work are admitted to the Secondary School.

Students in any of the classes named will present themselves to Dr. J. R. Jewell, principal of the Secondary School, room 13 in the North Annex, who, with a committee of Secondary School instructors will direct them in the selection of work. A county diploma or student's report should be offered as evidence of the completion of the work of the eighth grade. Those who have done one or more years of high-school work and wish to enter the Secondary School of the State Normal School should send a transcript of their work certified to by the principal of the high school the student attended. Blanks for this purpose may be had of the Registrar.

Registration days are designated in the school calendar, printed on an earlier page of this catalogue. Students should register on these days and enter upon the work of their classes the opening day.

GRADUATION.

To receive the diploma of the Secondary School pupils must have completed sixteen units of work, ten units of which are required and six are elective. A unit is a year's work in one of four subjects, in a class reciting five times per week. This is the basis upon which credit in the Secondary School is determined.

The required work includes three units of English, one of algebra, one of geometry, one of botany or agriculture, one of physics, one of history, one-half of hygienic physiology, one-half of civics, and one selected from the list of arts, found in group 6, page 134. One-half unit only in physical training, one-half unit in chorus singing, and one unit in instrumental music may be counted toward graduation. Many courses require more than one semester for completion of credit toward graduation, and these must be taken until the completion of the course indicated by a star in the course of study.

THE EXPRESSION CLUB.

The Expression Club was formed for those students who desire to study reading with a view to the public presentation of literature. The work of this club is directed by a member of the Faculty, but all of the work is entirely voluntary and proves to be an enjoyable and also a profitable recreation.

THE RHODIAN SOCIETY.

The aim of the Rhodian Society is to give opportunity for practice in debating and drill in the application of parliamentary usage. Only boys are admitted to this society, and the number of members is limited to thirty. The work has been so satisfactory that the membership is kept recruited to its maximum limit. Each boy upon leaving school becomes an honorary member, and his place as an active member is immediately filled by another. The boys themselves conduct the work of this organization, under the guidance of a member of the Faculty, who is present at every meeting to give counsel and helpful criticism.

THE SOCIAL DEPARTMENT CLUB.

A knowledge of "How to behave wherever you are" is the oil of the great machinery of life. The young person going for the first time into a wholly new environment would experience a sense of friction in trying to adjust himself to his new surroundings, unless he had acquired a working knowledge of the

elementary principles of social form, which are recognized in the harmonious operations of social life. It is the duty of both the home and the school to attend to this phase of discipline, to the end that the student, upon leaving school, may bear himself with grace and poise, having that unobstrusive correctness of behavior which is now a most important asset.

The Social Department Club was organized to give opportunity for the study of the elements of social grace. The work was given in readings and talks, which were followed by a free discussion of all phases of etiquette, by the members of the club. The work of this year was based upon "Manners for Men" and "Manners for Women," by Devereaux. These readings and talks were given in a clear, simple and sympathetic way by a member of the Secondary School Faculty. The privilege of this study was offered to separate groups of young men and young women, where the problems of each group could be discussed without restraint. Those who have availed themselves of this opportunity are enthusiastic in their praise of the benefits which have accrued to their own lives from this work.

THE PICKWICK CLUB.

The design of this club was to give a happy introduction to that great humorist and reformer, Charles Dickens; to stimulate a desire to read books, and to cultivate the power of discriminating between the good and the less worthy books. This work was so delightful as to be better called play; yet, while laughing at the inimitable descriptions of the ludicrous situtations into which vanity and pretense plunged Mr. Pickwick and his friends, the members of this club caught the author's vision of better things. It was found to be helpful to compare social conditions of America of to-day with those of England in the time of Dickens. This work was presented by a member of the Faculty, and was an enjoyable and helpful diversion for every member of the club.

SOCIAL PRIVILEGES.

Soon after the organization of the Normal Secondary School it was discovered that the students felt the need of a form of activity which brings a development not to be acquired from the formal studies outlined in the curriculum, that activity which results in freedom, tact and charm in the performance of whatever part the student may choose to play in later life. To meet this need, social groups were formed for the pursuit of such lines of investigation, mental recreation or drill as the members composing the groups desired, each student being left to choose for himself the group with which he desired to work. The lines of activity offered were pursued with pleasure and profit by these organizations.

TEACHERS' EXAMINATION COURSES.

Preparation for Teachers' Examination Courses for students who wish to prepare for the several county examinations are offered. The examinations are held at the State Normal School, and for the coming year the dates are October 25th and 26th, and January 31st and February 1st, and at the close of the County Institute. Manuscripts are sent to the county desired by the applicant.

COURSE OF STUDY.

Studies in CAPITAL LETTERS (pp. 132, 133) are prescribed in all courses, and must be taken in the order given. Studies in small letters are elective. The study is placed in the earliest semester in which it may be chosen without special permission. Pupils in any later semester may select any study of a lower one.

No studies shown above require less than one semester for completion, and, once under way, may not be dropped before the end of the semester *without the express consent of the principal.*

If a study requires more than one-half year for its completion *it can not be discontinued without the consent of the principal* until the completion of the term marked with a star.

All pupils must take either botany or agriculture in the first year of the course, and later either European or American history. One unit must be taken from the arts, found in group 6, page 134.

Pupils are not permitted to take less than two subjects nor more than four, except by permission, and are never allowed to continue their work after failing in two subjects in any one term unless there be recommendation to the contrary from the Principal and all the teachers involved.

Elementary geology and illustrative geography are each half-time subjects, and for each one-fourth unit of credit is given. One-half unit credit only in physical training, one-half unit in chorus singing, and one unit in instrumental music may be counted toward graduation.

It will be noticed that only ten units are specifically required, leaving the pupil free to elect some chosen major throughout his course, and still have left two units free for the election of courses at large. In the Normal Training course which leads to a state certificate, there is an opportunity for four units of election.

Students of exceptional attainments or maturity, especially those who have had considerable experience in teaching in the common schools of the state, will be admitted into rapidly moving classes, upon the recommendation of their teachers, whenever their ability seems to warrant it. Special classes will be organized from time to time allowing individuals to cover various

subjects as rapidly as they are able to do so. In every case the entire work planned for the semester will be gone over thoroughly, and credit for the entire semester's work will be given and recorded whenever the course in question is satisfactorily completed. This will operate to allow exceptional students to complete the entire course in considerably less time that four years.

GENERAL COURSE OF STUDY.

First Year.		*Second Year.*	
First Semester.	**Second Semester.**	**First Semester.**	**Second Semester.**
GRAMMAR.	NARRATION.	EXPOSITION.	ARGUMENTATION.
BOTANY I, *or* AGRICULTURE I.	BOTANY II, *or* AGRICULTURE II.	PHYSIOLOGY.	CIVICS.
Arithmetic.	ALGEBRA I.	ALGEBRA II.	GEOMETRY I.
Elementary Latin.	Elementary Latin.*	Cæsar.	Cæsar.*
Elementary German.	Elementary German.*	Conversation *and* Composition.	Conversation *and* Composition.*
Elementary French.	Elementary French.*		
Bookkeeping.	Business Practice.	Advanced Bookkeeping.	Stenography I.
Penmanship.	Advanced Writing.	Typewriting I.	Typewriting II.
Drawing *and* Designing.	Drawing* *and* Designing.	Woodworking.	Woodworking.*
Plain Sewing *and* Foods.	Plain Sewing* *and* Foods.	Dressmaking *and* Serving.	Dressmaking* *and* Serving.
Reading.	Expression.	Parliamentary Law.	Physiography.
Elementary Gymnastics.	Intermediate Gymnastics.	Advanced Gymnastics.	
Music I.	Intermediate Music.	Advanced Music *or* Chorus.	
Drawing I.	Advanced Drawing.	Water Color.	Blackboard Illustration.
		Ancient History.	Modern History.*

GENERAL COURSE OF STUDY—*Continued.*

Third Year.		*Fourth Year.*	
First Semester.	**Second Semester.**	**First Semester.**	**Second Semester.**
ENGLISH LITERATURE.	AMERICAN LITERATURE.*		
		PHYSICS I.	PHYSICS II.*
GEOMETRY II.*	Solid Geometry.	Advanced Algebra.	Trigonometry.
Cicero,	Cicero.* Schiller.*	Virgil.	Virgil.*
Conversation *and* Reading.		Lessing.	Goethe.*
Stenography II.*	Dictation.	Speed Practice.	
			Commercial Law.
Joinery.	Cabinet Making.*	Wood Carving.	Wood Carving.*
Textiles, *and* The Home.	Textiles *and* The Home.*	Tailoring, *and* Millinery, *and* Nursing.	Tailoring, *and* Millinery, *and* Nursing.*
Political Geography.	Elementary Geology.		
Commercial Geography.	Illustrative Geography.	Psychology.	
		School Administration.	
American History.	American History.*	Current History.	

ONE-YEAR STATE CERTIFICATE COURSE.

Since the greater part of the student body in the Kansas State Normal Secondary School are preparing themselves to teach, and usually do teach for a period between their secondary school work and their college work, the course leading to the one-year state certificate is given a place by itself. Sixteen units are required.

Group 1, English.	English, four units. Oral English, one unit.	Three units are required.
Group 2, Mathematics.	Algebra, one and one-half units. Geometry, one-half unit. Arithmetic, one-half unit. Bookkeeping, one-half unit.	Two and one-half units are required, one-half unit being arithmetic, or bookkeeping.
Group 3, Natural Science.	Botany, one unit. Physics, one unit. Agriculture, one unit. Geography, one-half unit. Physiology, one-half unit.	Three units are required, one-half unit being geography, and one-half unit physiology.
Group 4, History and Civics.	American history, one unit. European history, one unit. Civics, one-half unit.	One and one-half units are required, one-half unit being civics.
Group 5, Professional Subjects.	Methods and management, one-half unit. Psychology, one-half unit.	One unit is required.
Group 6, Arts.	Drawing, one unit. Music, one-half unit. Physical training, one-half unit. Manual training, one-half unit. Domestic science or domestic art, one unit. Penmanship, one-half unit.	One unit is required.
Elective.	Four units.	Four units.

Note that only one-half unit of chorus singing or of physical training may be counted toward graduation.

Outlines of Instruction.

Agriculture.

In the high-school agriculture plant and animal life are always studied from the economic point of view. Such fields as fruit growing and market gardening are studied profitably. Well organized facts concerning the fertility of our soils are taught, and the pupil comes to realize that the future of Kansas and of the nation depends upon the efforts of the individual farmer in building up the productivity of his soil. In general, high school agriculture opens up a field for fruitful thought along these lines, and whenever anyone has reached such a mental condition, due to his education, he has been made a better citizen and a more capable teacher.

AGRONOMY. *One-half unit credit.* Each semester.

At 8.

This course includes plant propagation, grain crops, hay crops, root and tuber crops, weeds and insects.

ANIMAL HUSBANDRY. *One-half unit credit.* Each semester.

At 9.

Agronomy is a prerequisite. This course includes livestock, dairy and beef breeds, horses, cattle, swine and sheep. The latter part of the course is devoted to soils; the elements of fertility, soil problems, laboratory work on soil types, etc.

INSTITUTE AGRICULTURE.

One-fourth unit credit. Each half semester.

At 10:30.

A general course covered in ten weeks, for irregular students desiring a general idea of elementary agriculture.

SCHOOL GARDENING. *One-eighth unit credit.* Second semester.

Th., at 2.

The topics studied are, the improvement of rural and city schoolgrounds, school gardens, and the planting of ornamental shrubs and trees.

Botany.

ELEMENTARY BOTANY I. *One-half unit credit.* Each semester. At 8.

The following topics will be considered: The study of the lower plants, with especial emphasis on nature work and the important bacteria and fungi; the study of the higher plants, including seeds and seedlings, the general structure and work of plants—their roots, stems and leaves, with the varieties and signification of these. Text, Bergen and Caldwell, Practical Botany.

ELEMENTARY BOTANY II. *One-half unit credit.* Each semester. At 9.

The previous course will be continued, taking up plant products and industries connected with them, especially those of local interest; a consideration of some of the leading families, their uses, characteristics, and distribution; plant breeding, regional distribution, and its economic application. This study will include field and laboratory work, illustrated lectures, class discussions and recitations. No credit is given for either of these courses unless accompanied by the other one. Text, Bergen and Caldwell, Practical Botany.

Chemistry.

CHEMISTRY I AND II. *One unit credit.* Throughout the year.

A study of the principles and laws of the science, with something of its history. The course will include a detailed study of the most typical nonmetallic elements and some of the most useful metals. It will also cover an introduction to the study of some of the simpler and more familiar organic compounds. The course is intended to give a general knowledge of the subject, such as will be valuable whether the student pursues the subject further or not. It will count for a full college entrance credit, but students desiring to continue the subject will be admitted to the last half of college chemistry I. Textbook, lectures, class experiments and individual laboratory work, hours to be arranged.

Commerce.

Bookkeeping.

ELEMENTARY BOOKKEEPING.

One-half unit credit. Each semester.

Daily, at 3.

Principles of debit and credit, use of journal, daybook and ledger, forms of opening and closing accounts, trial balances, and statements. Simple business practice.

BOOKKEEPING AND BUSINESS PRACTICE.

One-half unit credit. Each semester.

Daily, at 8.

Business forms are employed and school currency is used. The student receives invoices, checks, drafts, letters, sends telegrams, makes deposits in the bank, writes checks, discounts notes, gives receipts, issues notes, draws and accepts drafts, etc. He learns the use of the cash book, sales book, invoice book, and bill book, and makes detailed business and financial statements.

ADVANCED BOOKKEEPING. *One-half unit credit.* First semester.

Daily, at 9.

Exercises in single entry and changing from single to double entry. Use of loose-leaf books and card ledgers.

SPECIALIZED BOOKKEEPING.

One-half credit unit. Second semester.

Modern labor-saving forms of keeping accounts in a large business. Specialized forms of ledgers and special-column books. Comprehensive forms of statements to show the condition and progress of the business.

Penmanship.

ELEMENTARY PENMANSHIP.

One-half unit credit. Each semester.

Daily, at 2.

Study of correct position. Muscular movement and its advantages. Mastery of movement and control of the arm by means of various exercises. Development and analysis of both capitals and small letters.

ADVANCED PLAIN WRITING.

One-half unit credit. Each semester.

Working for speed and beauty. Letter writing and business forms. Blackboard writing.

Commercial Law.

COMMERCIAL LAW. *One-half unit credit.* Second semester.

Daily, at 11:30.

It is the aim of this course to present clearly the more important points of business law that are likely to arise in everyday affairs. The leading principles of contract law, illustrated by references to court decisions, are studied, and their application to matters of practical business is shown. Practice is given in drawing up forms of legal papers in common use. Open to high-school Seniors.

Typewriting.

Careful study of the machine. Instruction as to care, mechanism, and possibilities. The touch system is used exclusively. Proper fingering is insisted upon. A light, rapid, smooth and even touch is acquired as early as possible. Accuracy is the first object, though speed should come as the result of practice. Neatness is emphasized. Arrangement of work and tabulations receive special attention. To be able to write without error, and at the same time smoothly and rapidly, any kind of miscellaneous matter or business document, is the end and aim of typewriting, and this object is held before the student throughout the course.

TYPEWRITING I. *One-half unit credit.* First semester.

Mastery of the keyboard. Practice on words, easy sentences, and simple business letters.

TYPEWRITING II. *One-half unit credit.* Second semester.

Business letters, common legal forms, and tabular exercises. Careful attention to arrangement, spelling, and punctuation of dictated matter.

TYPEWRITING III. *One-fourth unit credit.* First semester.

Speed practice, study of manifolding and carbon work, and use of graphophone and typewriter. Dictated matter of some difficulty. Alternates days, first semester, with stenography.

Stenography.

Cultivation of the ear in distinguishing sounds, and habits of close attention, are requisites for the successful study of stenography. Accuracy, quick perception and rapid thinking are cultivated from the beginning. Each principle receives careful drill. In transcribing connected matter, the spelling, paragraphing and arrangement must be absolutely correct. Dictation includes letters, common legal and business forms, selections from standard literature, and tabulations. Emphasis is laid on reading shorthand notes and transcriptions. The Benn Pitman system is used.

STENOGRAPHY I. *One-half unit credit.* Each semester.

Completion of first half of the text.

STENOGRAPHY II. *One-half unit credit.* Each semester.

Completion of text, and practice in reading shorthand.

STENOGRAPHY III. *One-half unit credit.* First semester.

Miscellaneous dictation, and reading of shorthand notes.

STENOGRAPHY IV. *One-half unit credit.* Second semester.

Speed practice, graphophone work, and dictation.

STENOGRAPHY V. *One-fourth unit credit.* First semester.

Dictation in writing and transcribing. Alternate days with typewriting 3.

Drawing.

The courses of art education in the Secondary School aim to familiarize the student with fundamental art principles, so that he may apply them to the problems of everyday life, likewise to create in him a love for the beauties of nature and an appreciation of all art forms.

ELEMENTARY FREE-HAND DRAWING I.

One-half unit credit. Each semester.

Daily, at 2.

This course requires five hours a week for one semester, with one hour in the afternoon for preparation and study. It consists of free-hand drawing in outline from models—forms of pottery, books, boxes, plants, trees, buildings, etc. The materials used are, pencil, charcoal, colored crayons, white and tinted papers, blackboard. Silhouette drawings of flowers, trees, animals, and the human figure in action are made with brush and India ink. This course includes simple problems in design, as surface patterns and borders applied to wall papers, book covers, rugs, etc.; also, a working knowledge of perspective principles, both free-hand and mechanical.

ELEMENTARY FREE-HAND DRAWING II.

One-half unit. Each semester.

Daily, at 3.

Prerequisite, free-hand drawing. This course requires five hours a week for one semester, with one hour in the afternoon for preparation and study. It consists of principles of perspective as applied to the drawing of objects in values (light and shade) with charcoal and pencil on white and tinted paper, also on blackboard with chalk and charcoal. Further study of design, including color harmonies; also decorative treatment of letters of the alphabet, landscapes and plant forms.

English.

The aim of the English course is twofold: First, upon the completion of the course the student is expected to be able, both in oral speech and in writing, to express his own thoughts and feelings with a fair degree of accuracy; second, it is hoped that he will have learned to read and to enjoy good literature. The study of literature and practice in composition are continued side by side during the three years of required work, considerably

more time being given to developing the powers of thought and expression than to dwelling overmuch on appreciation of literary gems of the past. A large share of attention is paid to oral composition, primarily for its own sake, rather than because of its important relation at times to the written work required.

The three years of required work is divided into six courses of twenty weeks each. One day a week throughout the entire three years is given to outside reading and is designated "Library day." Fourteen weeks each in the second, third and fourth semesters are devoted to composition work, and six weeks given to the study of classics. The composition work is based on Stebbins' Progressive Course in English.

ENGLISH GRAMMAR AND COMPOSITION.

One-half unit credit. Each semester.

Daily, at 8.

This course is given first because such a large proportion of the students entering the Normal High School are anxious for a thorough study of grammar during the first year of their course, since so many of them teach immediately afterward in the rural schools. The pupil is not drilled in the mechanical technicalities of grammar, but is taught to think logically and then to use such language as will best make apparent to listeners just what he is thinking. Text, Gowdy's English Grammar.

During this course frequent lectures are given by members of the library staff on the use of a library, and the pupils are taught in the library itself how to make the most of their library advantages. Library day during this semester is largely used as the pupil sees fit, in an effort for the teacher to learn his special line of interests. This once done the reading habit is not hard to foster.

Aside from the essentials of grammar, it is the effort in this course to give frequent and thorough drill in the mechanics of English. Consequently there is almost daily drill in capitalization and punctuation, and in oral story telling. This latter is expected to find its material largely in the pupil's own life and interests, rather than from any printed page.

NARRATION AND DESCRIPTION.

One-half unit credit. Each semester.

Daily, at 9.

Since these two forms of discourse are so rarely found separated in literature and in practical everyday intercourse, they are separated in class only so long as seems necessary to give the pupil a clear understanding of the characteristics of each. Four short daily themes, two

written and two oral, are required each week through fourteen weeks. The best-known stories of the Old Testament are read for reproduction, as are the parts of Gayley's Myths that tell of the better known gods and heroes, and the pupil is thus given a basis for understanding many of the memorable works in art and literature.

Stevenson's Treasure Island is always read by the class, to give the teacher opportunity to show early in the school life of the pupils why certain literature is good and why other is bad. Library day is usually devoted to the reading of short stories by the better recent writers, such as Bret Harte, George Cable, Hawthorne, Poe, John Fox, and O. Henry. These stories are told during the class hour, or the instructor reads to the class now and then, merely asking the pupil to hand in a report of his reading for the day. Occasionally Library day may be used for the reading and reporting of current events. The pupil is expected to learn something of the principles of unity, coherence, and paragraph development, though no great emphasis is placed on these principles. Two long term themes are required. Text, Stebbins' Progressive Course in English, First Year Book, part I, chapters VI, VII and VIII, and part II, chapters II, IV and VII. Appendix, Figures of Speech. Classics: Hawthorne's Twice Told Tales, Coleridge's Ancient Mariner, Stevenson's Treasure Island, and Shakespeare's Romeo and Juliet.

EXPOSITION. *One-half unit credit.* Each semester. Daily, at 10:30.

The composition work of this semester consists of both oral and written explanations of games, machinery, propositions, occupations, and so on. The pupil is constantly encouraged to explain to the class anything in which he is intensely interested. A large number of copies of The Technical World, The Popular Science Monthly, and of the Boston series of pamphlets on Vocational Training has been secured as material for the pupils during this semester. They are shown how the most virile writing of to-day is being converted into channels of trade publications and the like, and are taught modern English rather than balanced or periodic sentences. Library day is now taken up with such work as that just described. Two long themes are required.

A more careful study is now made of rhetorical principles, but is practically confined to the fundamentals of unity, coherence, emphasis, and to good diction. Text, Stebbins' Progressive Course in English, Second Year Book, part I, chapters II, III, IV and V.

Classics: Goldsmith's Deserted Village, Dickens' Tale of Two Cities, selections from Irving's Sketch Book, Shakespeare's Julius Cæsar, and Tennyson's Idylls of the King.

ARGUMENTATION.

One-half unit credit. Each semester.

Daily, at 11:30.

Early in the semester briefs and arguments are worked out. Later the class is divided into groups and brought to do actual team work in debate. At each debate the class chooses one student to preside for the day, and in general the whole work of the hour is managed by the pupils themselves. After the decision of the judges is announced the leader throws the discussion open to the whole class. One long theme is to be prepared without suggestion or help from the instructor. Library day is given to present-day political, social and economic problems as they are presented in the current standard magazines. Text, Stebbins' Progressive Course in English, Second Year Book, part II, chapters IX, X, XI and XIV.

Classics: Macaulay's Life of Johnson, Tennyson's The Princess, Shakespeare's Macbeth, Sheridan's The Rivals, and Gaskell's Cranford.

ENGLISH LITERATURE. *One-half unit credit.* Each semester

Daily, at 8.

The textbook is completed in the first thirteen weeks, and the remainder of the time is given to a rapid reading of the writings of the authors studied. The supplementary reading is to be wide and rapid. Many selections will be studied in class, and many assignments to the individual pupil will be made of books on which he is to report to the class. The textbook is used merely as a point of departure. Little attention is paid to chronology and philology Text, Long's Textbook in the History of English Literature.

AMERICAN LITERATURE. *One-half unit credit.* Each semester.

Daily, at 9.

Here, as in the preceding course, the textbook is used merely as the basis for class readings. Wherever possible attention is drawn to worthy contemporary works. The pupil is encouraged to browse in the literature of modern art, journalism, music, etc., the central idea being to show as far as possible the resources of American culture, and to develop pride, curiosity, and some discrimination in the literature of our own nation. Text, Matthews' Introduction to American Literature.

Geography.

PHYSIOGRAPHY. *One-half unit credit.* Each semester.

Daily, at 10:30.

A study of land forms and of the atmosphere, of the agencies that have affected the earth's features or that are now changing them. Attention is always given to geographic influences upon life and upon history. The laboratory work consists of the study of topographic maps, visits to the museum, and field trips. Text, R. D. Salisbury's Briefer Course in Physiography.

POLITICAL GEOGRAPHY. *One-half unit credit.* First semester.

Daily, at 9.

Prerequisite, physiography. A general course in common-school geography, made more intensive than is ever possible in the grades. This course is a study of the most important countries of the world. Emphasis is laid on the physical basis for the development of the agriculture of any nation, and a knowledge of natural resources as a basis for industrial development. Text, Tarr and McMurray's Complete Geography. Many special references are given.

COMMERCIAL. *One-half unit credit.* Each semester.

Daily, at 8.

A study of the world's chief commercial commodities and the factors influencing their production, distribution and development. Text, Robinson's Commercial Geography.

ILLUSTRATIVE. *One-fourth unit credit.* Second semester.

T. Th., at 11:30.

Chalk modeling of maps and of types of relief figures. This course is offered in response to a demand from those who desire greater success in their own teaching of geography.

REGIONAL. *One-half unit credit.* First semester.

Daily, at 11:30.

Prerequisite, physiography, political geography, or commercial geography.

The physiographic features of the continent, the natural resources, and the influence of the physiography upon the history and development of the people. Upon request of a sufficient number a class in the regional study of either North America or Europe will be organized.

ELEMENTARY GEOLOGY. *One-fourth unit credit.* Second semester.

M. W., at 11:30.

Prerequisite, physiography. This course deals with the forces and processes which have shaped the earth from the earliest periods up to the present.

Government and Economics.

A practical and, as far as possible, a first-hand acquaintance with the actual working of our government in its local, state, and national phases is the aim of this work. It is felt that the student can begin to study most intelligently that form of government which he sees in daily manifestation close at hand. As a consequence he begins with the city and township. A study of their government acquaints him with many things connected with the state government. This, in turn, gives him many things which enable him to interpret what he finds in the national government. The fact that our government is constantly changing is kept before the classes in this work, by careful attention to newspapers and magazines in their discussions of various problems and how they are being dealt with by the various departments of our government.

GOVERNMENT. *One-half unit credit.* Each semester.

Daily, at 11:30.

The work begins with a study of city government and visits to the city offices. Some of the problems in city government are carefully studied. Then a short study of township government is followed by a more extended study of county government and officers. Here again the classes visit the offices they are studying. The remainder of the term is devoted to the state government. The second term of the semester takes up the historical development of the constitution, followed by a study of the legislative, executive and judicial departments of the national government. By careful division into legislative, executive and judicial groups the members of each class are given a better insight into the actual processes of legislation and administration.

COMMUNITY CIVICS. *One-half unit credit.* Second semester.

Daily, at 9.

Elective. This course may be substituted for course 1. The feeling that merely studying the constitution does not make good citizens has long been growing. One test of the value of a subject in the high-school curriculum is how it functions in the life of the student. The State Normal Secondary School is probably the first in the

state to offer this work in community civics. Most earnest efforts will be made to have the student see the importance of local regulations and his relation and responsibility in connection with them. He lives his life in a community; he should know what it demands of him and what he should expect from it.

The work of this course will consist of a study of special problems, chiefly of a local nature, for those which touch him most directly are the most profitable for him to study. It will be conducted almost exclusively by the study and debate method. As far as possible each student will be permitted to choose as to which side of each question he wishes to advocate. Some of the problems to be studied will be city franchises, municipal ownership, health legislation, immigration, supplemented by others of current interest.

ECONOMICS, INTRODUCTORY COURSE.

One-half unit credit. Each semester.

Daily, at 9.

A study of industrial history, business organization and principles, and current economic problems. Industrial history is used to show how present industry came to be what it is, and to get the light of historical development thrown upon present business and its problems. A preliminary study of current economic problems is one of the best means of general culture, and is the best preparation possible for the understanding of the problems on which wise suffrage and the best citizenship depends. It is also the basis of knowledge for debating and literary work. The study will be made thoroughly practical by using the material at hand, studying business as it appears on the farm and in the sort of towns most of the students know.

American History.

COLONIAL AND REVOLUTIONARY.

One-half unit credit. Each semester.

At ———.

The founding of the republic, 1492-1800. The most important discoveries and explorations, with the European conditions leading up to them, are considered extensively. Virginia and Massachusetts are studied thoroughly as types, the other colonies only in their contributions to later movements and institutions. Both the Revolutionary War and the War of 1812 are studied from the standpoint of cause and effect. Particular

emphasis is placed on the social and political development of the colonies and states during this period. Text, Muzzy's American History.

THE NATIONAL PERIOD. *One-half unit credit.* Each semester.

Daily, at 8.

1800-1912. Building up of the national policies, struggle between national and state interests, and of the social and political problems leading to the Civil War, of which the causes and results are emphasized but not the military operations. Reconstruction and its problems are studied from the standpoints of both North and South. Spanish-American War and colonial possessions and the problems arising from them. The major part of the last half of this course is devoted to events of recent years, as civil service, immigration, Panama canal, trusts, and changes in political parties. Text, Muzzy's American History.

EUROPEAN MOVEMENTS INFLUENCING AMERICAN HISTORY. *One-half unit credit.* Each semester.

Daily, at 9.

The object of this course is to familiarize students, who can not devote full time to European history, with some of the main conditions, facts, social, political and religious movements and problems which have a direct bearing upon American history; Renaissance, commerce in the East; European explorations and colonizations; England's policy toward the colonies and the United States after their independence; France and Spain in their relations to America, and important present-day problems. Special attention is given to the lives of men and women who have been leaders in these movements.

CURRENT EVENTS. *One-half unit credit.* Each semester.

Daily, at 10:30.

The department has found this course essential to students of high-school age. These students often have only textbook knowledge and care little for reading of the conditions and problems of the present time. This course gives them an opportunity to become interested in topics of general knowledge and culture. The course is based upon articles in the leading newspapers and periodicals, and is not confined exclusively to historical subjects but to all items of general information.

The latter two courses are especially planned for advanced students, and may be substituted for the first two by teachers of maturity working for high-school credit.

European History.

ANCIENT HISTORY. *One-half unit credit.* First semester.

Daily, at 10:30.

This course offers a careful elementary treatment of men and events from the time of the earliest authentic records through the rise and fall of Egyptian, Babylonian, Assyrian, Persian, Athenian, Macedonian and Roman supremacy and up to the time of Charlemagne in Western Europe. The development and significance of Christianity is given special attention.

MEDIÆVAL AND MODERN HISTORY.

One-half unit credit. Second semester.

Daily, at 10:30.

This course deals with the nationalization of France, England, Spain, Holland, Germany and Italy; with the Holy Roman Empire; with the rise of the Papacy, the Renaissance and the Reformation. The industrial and political revolutions come in for considerable attention; and here again the church developments and difficulties are carefully studied in a way suitable to this grade of work.

ENGLISH HISTORY. *One-half unit credit.* First semester.

Daily, at 9.

This course completes the survey of European development. It will serve as a review of Continental history and as a preparation for American history. Its chief interest is found in its constitutional aspect. Self-government, the ideas of representation and of local control, the fundamental practices and principles of English constitutional government, not only express the true national life and character of the English people but serve to explain the political institutions of the United States and give an appreciation of what America means.

INSTITUTE MODERN EUROPEAN HISTORY.

Second half second semester, and summer term.

Daily, at 2.

This course is given for those working for the first-grade certificate.

Home Economics.

Two years' work each is given to the art and the science of home making. The work in each extends through the full four years' secondary course. Classes in these subjects meet daily for recitation and laboratory work, between 2 and 4 P. M., the work of the two courses alternating. That is to say, a domestic

art class will meet Monday, Wednesday and Friday of one week and Tuesday and Thursday of the following week; a class in domestic science meeting on the days between. Some preparation is required outside of class. Each course named gives a one-half unit credit but must be carried through a full year.

PLAIN SEWING. *One-half unit credit.*

Offered on alternate days throughout the year, at 8. Straight-line pattern drafting, plain sewing by hand and machine. Underwear.

DRESSMAKING. *One-half unit credit.*

Offered on alternate days throughout the year, at 8. Designing of dresses in color and style, pattern drafting, dressmaking with wash materials.

TEXTILES. *One-half unit credit.*

Offered on alternate days throughout the year, at 9. Production and consumption of materials, hand sewing, designing and art needlework.

TAILORING AND MILLINERY. *One-half unit credit.*

Offered on alternate days throughout the year, at 9. Worsted materials, designing, tailoring, and millinery.

FOODS. *One-half unit credit.*

Offered on alternate days throughout the year, at 2. Household physics, food principles, the application of heat to foods, food selection and preparation.

SERVING. *One-half unit credit.*

Offered alternate days throughout the year, at 2. Economic problems concerning foods and their service. Cooking and serving.

THE HOME. *One-half unit credit.*

Offered alternate days throughout the year, at 2. Household bacteriology, sanitation and decoration.

MANAGEMENT AND HOME NURSING. *One-half unit credit.*

Offered alternate days throughout the year, at 2. Household conveniences, home nursing, invalid cookery and dietetics.

Laboratory Fees.

A fee of 75 cents is charged for cost of materials in the course on textiles. In all other household-art courses the pupil furnishes her own materials. For courses in household science in the Secondary School a fee of $3 for each semester is charged. In addition to this, pupils purchase their own thermometers and laboratory guides. Girls intending to take work in household

science should come equipped with proper clothing for it. Only laundered waists are permitted in the laboratory. A girl should have at least one white shirt-waist suit and at least two white princess aprons, two 18-inch-square hand towels, two white holders, 6 x 8 inches, and two pairs of perfectly plain white half-sleeves.

Latin.

It has been said that Latin is as much our mother tongue as Anglo-Saxon. No better preparation for the pursuit of any language can be had than a few years' study of Latin. No better means can be secured of training the mind in correct processes of reasoning or of reaching careful and accurate conclusions. In the following courses the needs of prospective grammar-school and high-school teachers are kept constantly in view. The work is vitalized by correlation with English, history and literature. The use of pictures, models and lantern views enlivens the routine of the classroom.

The following courses may be covered by mature students, at the discretion of the instructor, in two and one-half years instead of three. Classes organized on sufficient demand.

BEGINNING LATIN I. *One-half unit credit.* Each semester.

Daily, at 8.

Half of Whittemore's text completed in the semester. Courses 1 and 2 aim to secure a mastery of the elements of Latin form, declension, conjugation, comparison, and the fundamental rules of syntax, together with the acquisition of an adequate vocabulary for the reading of short continuous passages. A class will be organized in the spring term when a sufficient number of students demand it.

BEGINNING LATIN II. *One-half unit credit.* Each semester.

Daily, at 8.

Whittemore's text completed. Especial attention given to the subjunctive.

CÆSAR I. *One-half unit credit.* Each semester.

Daily, at 10:30.

Introduction to extended translation. Books I and II. A thorough drill in syntax, with the stress placed upon the use of cases. Walker's Cæsar; Bennett's Latin Grammar; Bennett's Latin Writer, lessons 1 to 21. Study of military campaigns.

CÆSAR II. *One-half unit credit.* Each semester.

Daily, at 10:30.

Books III and IV. Bennett's Latin Writer, lessons 21 to 44, sight assignments. Syntactical study emphasizes the various uses of the subjunctive.

CICERO I. *One-half unit credit.* Each semester.

Daily, at 11:30.

Bennett's or D'Ooge's text. Four orations against Catiline. D'Ooge's composition. Special attention given to the style of the orator. Outlines of the orations. Study of conditional sentences.

CICERO II. *One-half unit credit.* Each semester.

Daily, at 9.

Manilian Law, Marcellus, and Archias. D'Ooge's composition and original exercises in prose. Study of magistracies, senate and assemblies.

VIRGIL I. *One-half unit credit.* Each semester.

Daily, at 10:30.

Bennett's text. Translation of books I to III, inclusive. Mastery of the dactylic hexameter. Supplementary mythology. During this and course 8 papers of a research nature or notebook work will be required, at the discretion of the instructor.

VIRGIL II. *One-half unit credit.* Each semester.

Daily, at 11:30.

Translation of books IV to VI, inclusive. Supplementary mythology. The author's place in literature. The Æneid as a whole.

Manual Training.

Major work in manual training may be arranged for pupils wishing to prepare especially to teach this work. Those expecting to apply for the manual training certificate in addition to the regular certificate should be prepared in free-hand drawing in addition to the required manual training, and should do at least a part of their regular practice teaching in manual training. Every opportunity will be offered to pupils to aid them in preparing as thoroughly as the time will permit for teaching this subject.

For those preparing especially for grade teaching the courses in wood carving and primary hand work may be substituted for the courses in cabinetmaking or wood turning.

ELEMENTARY MECHANICAL DRAWING.
One-half unit credit. First semester.

Daily, at 10:30.

A course in the elements of mechanical drawing, including exercises in the use of instruments, geometric constructions, free-hand lettering, orthographic projection of simple solids at various single angles, and the application of orthographic projection in making working drawings, tracings and blue-printing.

ADVANCED MECHANICAL DRAWING.
One-half unit credit. Second semester.

Daily, at 10:30.

A continuation of the above course, giving practice in orthographic projection of more complicated objects, and in double angles; surface developments, sections, isometric and cabinet projections, shadows, and some application of the principles of practical drafting.

ELEMENTARY WOODWORK. *One-half unit credit.* First semester.

Daily, at 9.

A course in wood construction suited to the intermediate and lower grammar grades. Work with tools at the bench will be required. Simple models selected to illustrate and give practice in the use of the common woodworking tools will be made.

ADVANCED WOODWORK. *One-half unit credit.* Second semester.

Daily, at 9.

A continuation of the above course, dealing with models appropriate for the grammar grades. Work requiring greater skill in the use of tools will be selected, and students will be expected to plan and execute several original or adapted models, in addition to those in an assigned course.

JOINERY. *One-half unit credit.* First semester.

Daily, at 8.

A course beginning with a series of joint exercises illustrating the common joints in wood construction and continuing into the application of some of these in appropriate models.

CABINETMAKING. *One-half unit credit.* Second semester.

Daily, at 8.

A course in advanced woodworking, dealing with models requiring more accurate use of the tools. Some attention will be given to the lines and decorations, with the methods of securing pleasing effects through wood combinations, inlaying and simple carvings.

WOOD TURNING. *One-half unit credit.* First semester.

Daily, at 11:30.

A beginning course in wood turning, with instructions on the care and uses of the lathe; practice in the sharpening of the usual turning tools—chisels, gouges, parting tools, etc. The students will be required to make a series of exercises between centers on the lathe, beginning with the cylinder, through progressive modifications, showing the characteristic uses of the tools; followed by the turning of several useful pieces for further practice in the uses of the lathe.

ADVANCED WOOD TURNING. *One-half unit credit.* Second semester.

Daily, at 11:30.

A continuation of the above course, giving further study to the lathe and its uses, including problems in hollow turning, face plate and chuck work as illustrated in the making of rosettes, boxes, goblets, etc.

WOOD CARVING. *One-half unit credit.* Second semester.

Daily, at 9.

A beginning course in wood carving, dealing with simple designs in chip carving, flat carving and some of the easier forms of relief carving as applied to simple wood models suitable for such decorations. Students are given practice in the care and sharpening of the different wood-carving tools, and are required to report on readings on wood-carving subjects.

ADVANCED WOOD CARVING. *One-half unit credit.* First semester.

Daily, at 9.

A continuation of the above course, including more difficult problems, working out more complicated designs involving greater skill in modeling the various elements of the design through the use of special tools. A thorough course in design is required for either course in wood carving. Clay modeling is also a great help to students in this work. Courses 10*a* and 11*a*, two hours each, will be offered for advanced certificate students.

PRIMARY HANDWORK. *One-fourth unit credit.*
Second half second semester.

Daily, at 2.

A course offered for pupils wishing to prepare to teach handwork in the lower grades in connection with their regular grade work. This course deals with projects requiring materials suited to the first to fifth grades. Work in paper and cardboard construction, clay, reeds, raffia, weaving, etc., will be given, together with some problems in thin wood and coping saw construction.

Mathematics.

REVIEW ARITHMETIC. *One-half unit credit.*
Each semester, and summer term.

Daily, at 8 and 9.

The emphasis in this course is upon mechanical skill in the fundamental operations and ability to apply them in the ordinary problems of arithmetic. Drill in the fundamental operations with integers and fractions, common factors and multiples, and square root. The tables of denominate numbers, including metric system. The fundamentals of mensuration, i. e., area of a square, of a rectangle, parallelogram, triangle, trapezoid, and circle; volumn of rectangular solid, pyramid, prism, cylinder, cone, sphere. Pythagorean proposition and its applications. Problems in analysis and simple proportion, and general applications to concrete problems. Percentage and its general applications. Business applications of percentage interest, commercial discount, bank discount, commission, taxes, insurance, stocks and bonds. Longitude and time.

BEGINNING ALGEBRA I. *One-half unit credit.*
Each semester, and summer term.

Daily, at 10:30 first semester; 8 and 9 second semester; 11:30 summer term.

The motion of general number developed through formulas, e. g., i.=p.rtt, d(distance)=rt, etc. Positive and negative numbers, their sum and their difference. Exponents and their laws. The four fundamental operations. Linear equations in one variable. Applications. Special types of products and quotients. Factoring. The solution of equations by factoring.

BEGINNING ELEMENTARY ALGEBRA II.

One-half unit credit. Each semester, and summer term.

Daily, at 3 first semester; 10:30 second semester; 11:30 summer term.

Prerequisite, Beginning Algebra I. Common factors and multiples, thus giving a review of factoring. Fractions. Fractional equations. System of linear equations. Graphs. Square root of expressions and arithmetic numbers. Surds. Simplifying the types

$$\sqrt{a^2 b}, \quad \sqrt{\frac{a}{b}} \quad \text{and} \quad \sqrt[c]{a \pm \sqrt{b}} .$$

The simple facts of imaginary numbers necessary to the quadratic equation. Quadratics solved by the three methods, and applications. Ratio, proportion and variation.

PLANE GEOMETRY I. *One-half unit credit.* Each semester, and summer term.

Daily, at 3; summer term, at 10:30.

Text, Wentworth-Smith Plane and Solid Geometry. This course should cover the material given in the text to the exercises at the close of book II.

PLANE GEOMETRY II. *One-half unit credit.* Each semester.

Daily, at 9, first semester; at 3, second semester.

Special attention is given in this course to training in methods of attacking exercises and in exercises in mensuration. Prerequisites, algebra and plane geometry I.

ADVANCED ARITHMETIC. *One-half unit credit.* Each semester.

Daily, at 8.

Prerequisite, algebra and geometry. This course is not a review of common arithmetic, but presents the reasons underlying the fundamental processes and gives a somewhat comprehensive grasp of number laws and their applications. The fundamental notion of number and the measuring process. The fundamental processes, including square and cube root, explained, and also their connection with our system of notation. The relations between factors and product, and dividend, divisor and quotient; also tests for divisibility and checks by casting out nines explained. The processes with fractions, both common and decimal, made rational as applied to quantities. A general treatment of analysis and proportion. Percentage and its application. Business applications. Mensuration of surfaces and solids. Longitude and time. The arithmetical and geometric series.

SOLID GEOMETRY. *One-half unit credit.*
First semester, and summer term.
M. W. F., at 11:30; summer term daily, at 11:30.
The Wentworth-Smith text completed.

Modern Languages.

Language study belongs to the Secondary School rather than to the College, because it calls to a great extent for memory and imitation. The pupil will save time in the end by devoting as early a period of his school life as possible to language study, and by leaving the sciences to a relatively later period. The drill in accuracy, observation and analysis required in language work will be a strong aid in later work in science.

The study of a foreign language has one or more of three main values: disciplinary, cultural, and practical. To give a sentence correctly in a foreign language requires accuracy and rapidity of thought, close observation, and careful analysis of both foreign and native language, for each word must be correct in itself and have the proper place in relation to other words in the sentence.

French.

French is an elective subject throughout the course, and four units of it will be offered, organized along the lines of the German courses which follow, as the demand for them arises.

German.

Aside from the cultural and disciplinary value which the study of any language possesses, the practical side of German is easily apparent. The ability to express one's self in a foreign tongue is a power, and our courses are planned to give the students such power. In commercial life, the salesman is enabled to understand the habits and thoughts of the buyer. For one traveling in Germany the ability to speak the language of the country saves time and money and doubles the pleasure of the trip

Besides classroom work, a German play will be given annually. The students always find this well worth while, on account of the careful drill in pronunciation and the feeling gained that the language is real and alive. A German club will meet once a week to give the pupils in the department a social hour together, such as the German people themselves enjoy at their coffee hour.

ELEMENTARY GERMAN I. *One-half unit credit.* Each semester.
Daily, at 11:30.
Bacon's German Grammar, to lesson 24. Spanhoofd's Erstes Lesebuch.

ELEMENTARY GERMAN II. *One-half unit credit.* Each semester.

Daily, at 2.

Bacon's German Grammar, lessons 24 to 56. Müller und Wenckebach's Glück Auf. The central idea of this work in the first year of German is to introduce the pupils to a foreign language in the easiest and most natural way, i. e., by speaking and hearing it. The composition work will consist mostly of simple, original sentences, gradually working into complex sentences.

CONVERSATION AND COMPOSITION I.

One-half unit credit. Each semester.

Daily, at 3.

Bacon's German Grammar completed. Volkmann's Kleine Geschicten, and Stern's Geschicten vom Rhein.

CONVERSATION AND COMPOSITION II.

One-half unit credit. Each semester.

(Not offered, 1912.)

Storm's Immensee, and Wildenbruch's Das edle Blut. The conversation and composition will be based on the reading, the object being to teach the students to get the contents without translation. The paragraph will be developed during this year in both conversation and composition. As a test of thoroughness of the work idiomatic English translations will be called for as needed.

CONVERSATION AND READING.

One-half unit credit. First semester.

(Not offered, 1912-'13.)

Fulda's Unter vier Augen, Riehl's Der Fluch der Schönheit, Bacon's Im Vaterland.

SCHILLER. *One-half unit credit.* Second semester.

(Not offered, 1912-'13.)

The first half of the year will contain a summary of the elements of German grammar, worked out in conversation and composition. Im Vaterland will be used for conversation only, and is valuable as a means of bringing the student in close contact with everyday life in Germany. The second half year will be a study of Tell as a German classic.

LESSING. *One-half unit credit.* First semester.

(Not offered, 1912-'13.)

Lessing's Minna von Barnhelm, Keller's Bilder aus der deutschen Literatur, and Pope's German Composition.

GOETHE. *One-half unit credit.* Second semester.

(Not offered, 1912-'13.)

Goethe's Hermann und Dorothea, Keller's Bilder aus der deutschen Literatur, and Pope's German Composition. This course is to take the student more deeply into the classical literature and to help him get the authors and their productions in their proper settings. Descriptive and narrative essays will be required in composition.

Music.

ELEMENTARY MUSIC. *One-half unit credit.* Each semester.

Daily, at 8.

This course introduces all the essential rudiments, and aims at ability to read music in the treble clef, accurately, at sight.

INTERMEDIATE MUSIC. *One-half unit credit.* Each semester.

Daily, at 9.

Elementary music, or its equivalent, required for admittance. This course introduces more difficult music, bass clef, and four-part singing.

ADVANCED MUSIC. *One-fourth unit credit.* Each semester.

T. Th., at 10:30. Prerequisites, elementary and intermediate music.

This is a four-part chorus for the study of selections from opera and oratorio, and well-known art and folk songs.

GIRLS' CHORUS. *One-fourth unit credit.* Each semester.

T. Th., at 7 P. M. Prerequisites, elementary and intermediate music.

Rehearsals twice a week for twenty weeks, including drill on four-part choruses for girls' voices and production of an operetta or cantata.

MEN'S CHORUS. *One-fourth unit credit.* Each semester.

T. Th., at 7 P. M.

Rehearsals twice a week for twenty weeks for the study of four-part choruses for men's voices.

Private instruction in voice and piano may be obtained upon application to heads of respective departments. Rates, $13.50 to $18 per term of eighteen lessons, for which a one-fourth unit of credit is granted.

Physical Training.

Bath Fees.—A small charge is made each semester for the use of locker and bathroom, and entitles the student to a clean towel each time the bath is used.

Athletic Fees.—Those who take the work in any of the athletic sections are required to pay the annual fee of two dollars, which entitles the ticket holder to admission to all intercollegiate games on Normal Field under the management of the School for one year from date of payment of fee. For those who are in attendance during the spring and summer term alone, a special fee of one dollar is charged for the above privileges, which entitles the student to a season ticket for one term only. The foregoing regulations as to fees apply to both the men's and women's departments.

Gymnasium Costume for Men.—The regulation gymnasium costume will be worn in the classes, and will consist of a white sleeveless shirt, full length Turner or Y. M. C. A. trousers, and the regulation gymnasium or tennis shoes. The suits may be had of local firms for a maximum price of three dollars. In order that costumes may be uniform, students are advised to make their purchases after arrival.

Gymnasium Costume for Women.—A regulation costume is worn in all the classes. This consists of a black serge gymnasium suit, and broad-toed tennis shoes. In order that the suits be uniform and hygienic, students, on arrival, are advised to report at Miss Thayer's office, where second-hand suits of outgoing students will be sold for about four dollars, or where new ones may be ordered for five dollars.

For Men.

The student in the Secondary School of the Kansas State Normal has an ideal opportunity for education in physical training. He has access to one of the finest gymnasiums in the state. In this building, with its patent running track, four basket-ball floors, two aparatus floors, wrestling, fencing and boxing rooms and swimming pool, are eight fully trained instructors, two of whom have special charge of the work for the Secondary School.

Adjoining the gymnasium is the best athletic field in the state, with a cinder quarter-mile track and a two-hundred and twenty yard straightaway, a football field, four baseball diamonds, and nine tennis courts. One section of this field is set aside for the use of the girls, and is equipped for playground ball, cross ball, soccer and other courts for outdoor sports.

The students of the Secondary School have their own athletic association, and put out teams in all the major sports. These teams have the advantage of professional instruction by college

coaches and are generally successful. Last year the association adopted as their honor letter a seven-inch block "N" which is given to men who distinguish themselves in athletics.

The requirement of all pupils is three hours a week for four semesters. The credit given for this will count as half a unit toward graduation.

As the work in physical training varies with the season, the semester is divided into two terms of ten weeks each. Work must begin upon entering school, and the student is required to complete it during the first two years of his course unless he is excused by the Physical Director, in which case he must make up the work before graduation. Of the required work, two terms each year must be in class gymnastics. The student may elect the terms in which he makes his gymnastic requirement. During the other two terms he may elect work in any athletic sport that is offered. As the midwinter terms are best for gymnastic work and the fall and spring for athletic sports, the student is advised to take his work in that order.

Students in rapidly moving classes must do two years' work in physical training, or if in school less than two years must do work while in residence, to graduate.

2. ELEMENTARY GYMNASTICS.

Marching tactics, free-hand and light apparatus exercises and gymnastic games. Special attention is given to the correction of faulty posture and carriage of the body.

3. INTERMEDIATE GYMNASTICS.

Body-building and corrective exercises, gymnastic dancing steps, heavy apparatus exercises, and elementary tumbling.

4. ADVANCED GYMNASTICS.

Offered the third and fourth terms to those prepared to take up athletics and folk dancing, individual and companion tumbling, and difficult exercises upon the heavy apparatus. To each member of the class who is able to pass the examination in exercises on the parallel bars, horizontal bar, side horse, flying rings and tumbling mats is given an emblem, consisting of two bars and a diamond made of old gold felt, which is to be worn on the white gymnasium shirt over the left breast. To those of this class who are not able to do the most advanced work but can pass the examination in the more simple exercises, the two bars without the diamond are given. Crowning the emblem is a crescent of the same material, which is given to advanced students who are majoring in physical training and are able to conduct classes through the regular

day's order. Students trying for the emblem must wear the regulation gymnasium suit, which must be clean and in good condition.

8. FOOTBALL.

Given during second ten weeks only, to men in good physical condition as shown by physical examination. The squad is divided into teams according to ability.

9. SOCCER FOOTBALL.

Given during second and third ten weeks. Individual and team practice. Valuable both as a vigorous game demanding speed and endurance, and as a preparation for track athletics and basket ball.

10. BASKET BALL.

Classes are organized each term of the year. The A. A. U. game is taught to elementary classes and the intercollegiate game to the first and second teams. An interclass series is played during the third ten weeks.

11. BASEBALL.

Given during the first, fourth and fifth ten weeks. Individual and team practice. The squad is divided into teams graded according to ability.

12. TRACK AND FIELD ATHLETICS.

Given during fourth and fifth ten weeks, only to men in good physical condition as shown by physical examination. Cross-country running is given during the third and fourth ten weeks.

13. TENNIS.

Given during first, second and fifth ten weeks. Tournaments in both singles and doubles are held during first and fifth ten weeks.

14. SWIMMING.

Elementary and advanced instruction is given during each term of the year.

30. FENCING.

Classes will be organized as demand indicates. Individual and class instruction.

For Women.

The aim of this department is twofold: First, to bring each student to her best possible physical condition, and by a careful system of gymnastic training to correct faulty posture and carriage, to aid in the formation of habits of hygienic living, to establish a normal condition in the circulatory and respiratory

systems, to secure bodily vigor, and to obtain a healthful and symmetrical development, rather than to secure the greatest increase in muscular power. Students are under the care of teachers who have had thorough medical training and will be given special medical or corrective exercises prescribed according to individual needs as indicated by their physical examinations. In order that the effect upon the muscles may be lasting and best results obtained, students will not be excused from physical training until the required courses are satisfactorily completed, but the work will always be adapted to the individual needs. Second, to qualify them as teachers, to intelligently consider the physical needs of their pupils, and to direct in the schoolrooms daily exercises which will prevent or help to correct physical defects; also to teach in their playground, athletics, games, and folk dances.

Required. Three periods of work per week in gymnastics, athletics, or other elective work during the first two years of work in residence. One-half unit credit. Of this requirement, one-fourth must be in athletics or other elective work, but the other three-fourths must be regular gymnasium class work, which consists of marching tactics, free-hand or light hand-apparatus exercises, games or fancy steps. A semester of gymnastics must be completed before a student may substitute elective work.

2.—ELEMENTARY GYMNASTICS. Required of all beginners. Three periods a week for ten weeks.

3.—INTERMEDIATE GYMNASTICS. Required of all students who have completed course 2. Three periods a week for at least twenty weeks.

4.—ADVANCED GYMNASTICS. Open only to students who have passed course 3 with high grades and are physically adapted to apparatus exercises.

7.—CORRECTIVE GYMNASTICS. Open to all students who have need of remedial work. Special attention is given to those having spinal curvature, round shoulders, narrow chests, forward heads, weak backs, pronated ankles, or other physical weaknesses.

8.—OUTDOOR SPORTS. Open to all students who have completed two terms of gymnastics. Three periods a week, in the spring and fall terms. In this course are taught a variety of games, including baseball, soccer, playground ball, cross-ball, track athletics, and relay racing.

9.—SOCCER. Open to students who have passed twenty weeks of gymnastics. One period a week for the fall term.

10.—BASKET BALL. Open only to students who are physically qualified. One period a week.

11.—BASEBALL. One period a week in the spring term.

12.—HOCKEY. One period a week in the spring and fall terms.

13.—TENNIS. Open to all students having a privilege of electing athletics. One, two, or three periods a week.

14.—SWIMMING. One lesson a week is allowed each student.

26.—ÆSTHETIC DANCING (elementary). Two periods a week. The purpose of this course is to develop grace and freedom of movement. The classic dancing is emphasized and is now considered one of the most important phases of gymnastic exercises.

27.—FOLK DANCING (elementary). One period a week. In this course are taught the simple peasant and national dances suitable for recreative and exhibition work with children.

28.—ÆSTHETIC DANCING (intermediate). Open to all students who have completed course 26.

29.—FOLK DANCING (intermediate). One period a week.

30.—FENCING. One period a week.

35.—INDIAN CLUBS. One period a week.

36.—CROSS-BALL. One period a week.

37.—SCHOOLROOM GYMNASTICS. Required of all secondary students for their high-school certificate. Three periods a week for ten weeks. Fifty weeks of gymnastics, including courses 2 and 3, and twenty weeks of athletics or other electives are required before a student may be enrolled in this class.

This course is especially designed for those who will teach in country or graded schools. Such gymnastics as may be given between the desks, simple corrective exercises for round shoulders and poor breathing, schoolroom play, and playground games will be taught.

Physics.

PHYSICS I. *One-half unit credit.* Each semester.

Daily, at 10:30.

Properties of matter, motion; characteristics of liquids and gases, work, energy, and heat. The needs and interest of the pupil are kept constantly in mind. The subject is adapted to the pupil instead of adapting the pupil to the subject. During the year the class visits the ice plant, gas works, street railway and railroad car shops, foundry, steam and water mills, telephone exchange, water-works, heating and ventilating plants, and such other places of interest as opportunity offers.

PHYSICS II. *One-half unit credit.* Each semester.

Daily, at 11:30.

Magnetism, electricity, sound and light. Students having special aptitude are given opportunity to do extra work, such as making motors and dynamos, batteries, erecting telephone and telegraph systems, and wireless telegraph stations. They study and test the efficiency of machines, hot-air and gas engines. An abundance of apparatus, selected with reference to the needs of the pupils, is used by the instructor in demonstrating the class work and by the pupils in the laboratory.

Text, Millikan and Gale's First Course in Physics.

Physiology.

HYGIENIC PHYSIOLOGY. *One-half unit credit.* Each semester.

Daily, at 2.

A good working knowledge of anatomy and physiology is given the student, but special emphasis is placed upon hygiene in all its phases. The pupil is taught those conditions that tend to the best development and health. To this end the subjects of food, circulation, respiration, excretion, exercise, athletics, etc., are considered with special reference to the needs of the individual. The cause, prevention and treatment of the more common diseases are quite fully treated. The aim of this course is to enable the pupil to care for his body properly rather than to commit to memory a large number of technical terms or even to be able to write a specified number of rules of health. Conn and Budington's Advanced Physiology and Hygiene.

Psychology.

ELEMENTARY PSYCHOLOGY. *One-half unit credit.* Each semester.

Daily, at 9.

Psychology is taught from the point of view of the intending teacher, and as many as possible of the illustrations and applications of the various subjects discussed are drawn from the schoolroom and its problems. Pupils are asked always to draw their illustrations from their own experience, and to test and prove whether or not the deductions of the author studied are correct. Frequent practice in introspection is given. Text, Betts, The Mind and Its Education.

Reading.

READING. *One-half unit credit.* Each semester.

Daily, at 8.

In this course, the chief emphasis is placed upon silent reading. The aim is to form the dictionary habit, to enlarge the vocabulary, to develop skill in grasping quickly and accurately the thought content of the page, to develop the habit of reading with natural directness, to realize for each pupil the highest possible degree of self-mastery, and thus to increase his personal power.

EXPRESSION. *One-half unit credit.* Each semester.

Daily, at 9.

This course naturally follows course 1. It is taken for granted that the student has power to grasp the thought accurately at one reading. The emphasis in this course is placed upon expression, especial attention being given to phrasing, tone language, rhythm and persuasion. Physical defects which hamper speech are studied, and as far as possible corrected. The aim in this course is to secure the greatest possible fluency, poise and effectiveness in reading and speaking.

DEBATE AND PARLIAMENTARY LAW.

One-half unit credit. First semester.

Daily, at 3.

This course will give practice in the application of all the principles of argumentative composition and forensic delivery, and drill in all the principles of parliamentary usage.

School Administration.

RURAL SCHOOL METHODS AND MANAGEMENT.

One-half unit credit. Each semester.

Daily, at 11:30.

This course is organized for secondary students who expect to do more or less teaching before entering their college work. It consists of a study of school site and grounds, house and equipment, school hygiene and sanitation, preparation and personality of the teacher, first day, daily program, play and playgrounds, school government, school incentive, school ethics, the recitation, how to study, library and its use, agriculture in the country school, consolidation and rural school problems.

The work in methods embraces the visitation of our

Model Rural School, and the discussion of methods of teaching in rural schools, laying special stress upon primary reading, language teaching, seat work, and nature study.

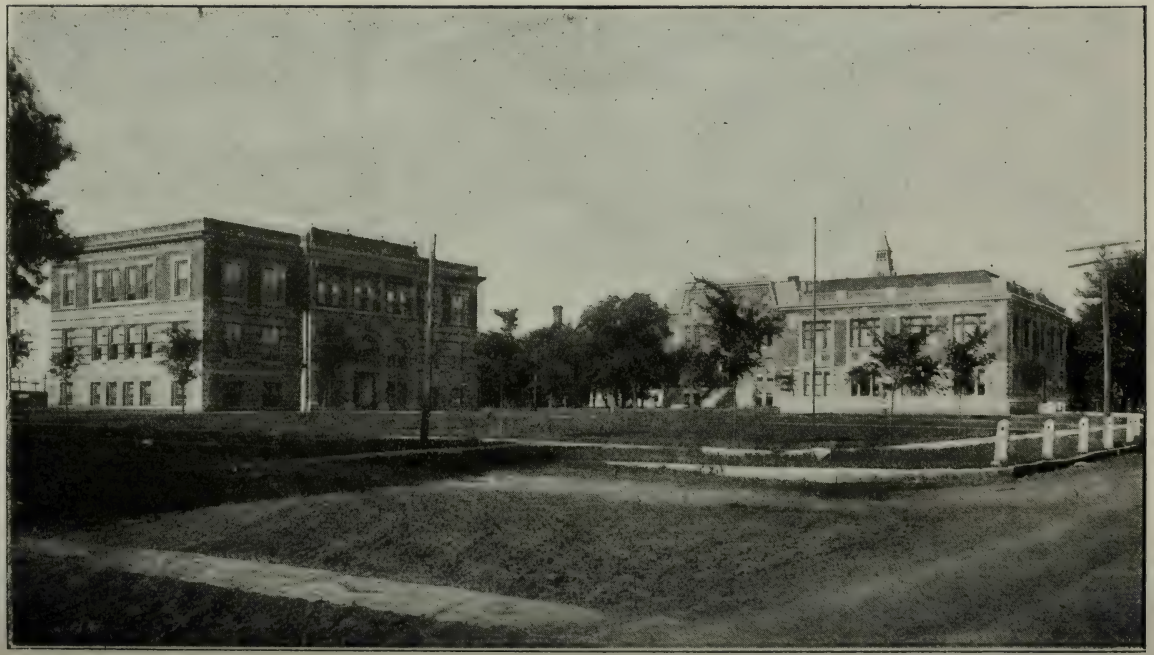
RURAL HYGIENE. *One-fourth unit credit.* Each semester.

This course, of major importance to every rural community and hence to the teacher in it, will be offered next year, following pretty closely Ogden's Rural Hygiene.

NORTON SCIENCE HALL.

THE TRAINING SCHOOL.

(167)



TRAINING SCHOOL. MAIN BUILDING. KELLOGG LIBRARY.

The Training School.

FACULTY.

President, JOSEPH H. HILL, A. M., D. D., LL. D.

Principal, JOHN HAMLIN GLOTFELTER, Ped. D.

Secretary, MARY E. EDWARDS.

Methods and Observation, VAN WILSON BURRIS, A. B.

Grammar Grades, MARY A. REED, Ed. B., B. S.
BEULAH BASS, B. S.
JESSIE L. FORDE, B. Ped.

Intermediate Grades, GRACE TEAR, A. B.

Primary Grade, ACHSAH MAY HARRIS, A. B.
JENNIE WILLIAMS, A. B.

Kindergarten, LOUISE ALDER, A. B., A. M.

Music Supervisor, KATHERINE STROUSE.

Gymnasium Supervisors, ELEANOR KITCHIN.
CHARLES E. ARMSTRONG, A. B.

Manual Training Supervisor, JOHN EDWARD GILBERT.

Domestic Art Supervisor, GERTRUDE FLINN.

Domestic Science Supervisor, MRS. BETH WARNER MULL.

The Training School offers a full elementary course, including kindergarten. A tuition of four dollars a year in the primary grades and six dollars a year in the intermediate and grammar grades is collected from each child in attendance. The state textbooks are used. The regular session for the primary grades is from 8 o'clock to 12:20; for intermediate and grammar grades from 8 to 12:20 and 2 to 3:30. A summer term of eight weeks is held, the daily session being from 8 to 12:20. Children in attendance take at least two hours' work, in addition to hand work and physical training.

The aim is to develop the whole child. To that end much play and recreation are employed. The physical condition of the children is ascertained and corrective exercises are given when necessary.

Students completing the elementary course are passed to the Normal Secondary School without examination.

Outlines of Instruction.

Reading.

FIRST, SECOND AND THIRD GRADES.

Beginning work (without text); reading lesson based on nature study (purely observational and experimental); pictures, rhymes, stories, games and other activities. Special attention to thought and expression, mechanics, including phonics and word study, drills, etc., growing out of the thought work. A large list of appropriate readers is used throughout the grades.

FOURTH GRADE.

Art Literature Readers, book four.
Baldwin's Fourth Reader.
Apple Blossoms.
Heart of Oak, book four.
Child Classics, book four.
Sight reading from juvenile magazines, papers and story books.
Dramatization.

FIFTH GRADE.

Heart of Oak, book five.
Baldwin's Fifth Reader.
Child Classics, book five.
Classics:

- King of the Golden River, Ruskin.
- The Griffin and the Minor Canon, Stockton.
- Daffy-Down-Dilly, Hawthorne.
- The Nuremburg Stone, Ouida.
- A Dog of Flanders, Ouida.

Sight Reading.
Dramatization.

SIXTH GRADE.

Selections from the following:

- Some Merry Adventures of Robin Hood, Pyle.
- William Tell.
- Rip Van Winkle.
- Daffy-Down-Dilly.
- The Great Stone Face.
- The Snow Image.
- Grandfather's Chair.
- Courtship of Miles Standish, Longfellow.
- Pied Piper of Hamelin, Browning.

Grandmother's Story of Bunker Hill, Holmes.
Birds of Killingworth, Longfellow.
The Day is Done, Longfellow.
The Huskers, Whittier.
The Ruby Crowned Knight, Van Dyke.
The First Snowfall, Lowell.

Oral reading: Fables; Fairy stories; The Horse Fair; St. Nicholas stories; Wagner Opera stories; Indian legends; Youth's Companion stories; Stories from classics, old and new; Child classics.

Home reading: At least two books each semester, with written and oral reports at Reading Club. These from selected list.

SEVENTH GRADE.

Literature:

Man Without a Country, E. E. Hale.
Snow-Bound, Whittier.
The Spy, Cooper.
Just So stories, selections, Kipling.
Jungle Book, Kipling.

EIGHTH GRADE.

Literature:

Treasure Island, Stevenson.
Call of the Wild, London.
Selections from Eugene Field.
Selections from James W. Riley.
Julius Cæsar, Shakespeare.
Sohrab and Rustum, Arnold.
Dramatization of Act III, Julius Cæsar.

Nature Study, Language and Grammar.

FIRST, SECOND AND THIRD GRADES.

In the primary language lessons the time is devoted largely to oral expression. Oral lessons are planned that will strengthen the thought and enlarge the vocabulary. These lessons are based upon the nature work, and connected with pictures, stories and poems. Later, sentence forms must come to meet the needs of the increasing thought. Through the above work the children meet the mechanics in English, as, use of capitals for names, places, months, etc., beginning of sentences, lines of poetry, and subject of stories. Some of the marks of punctuation, as period, question mark, comma, after word in series, quotation marks, etc.

FOURTH GRADE.

Stories and myths of the Northlands.
The story of Siegfried.
Greek myths and legends.
Story of Iliad.
Story of Ulysses.

Composition:

Oral and written. Based largely upon nature study work, descriptions of plants, animals, etc.

Accounts of observations, experiments and excursions.

Reproduction of myth and story.

Poem study. Original rhymes written as group work or individual exercise.

Simple play written.

Friendship letters to absent schoolmates; notes of invitation.

Items for the school paper.

All work in formal language is based upon the actual needs of the class as shown by their oral speech or written compositions. The work which the needs usually demand is as follows:

Form, title, margin, capitals, punctuation.

Emphasis upon sentence divisions, sentence endings, . , ? ! and what each signifies.

Quotation marks in undivided quotation.

The use of comma in series, and in direct address.

Abbreviations.

Contractions.

Use of 's in the possessive.

Correct writing of titles of books and stories.

Correct use of difficult verb and pronoun forms.

FIFTH GRADE.

Roman history stories, centering interest around selected leaders and heros. Correlated legends and myths. Early English history stories. The King Arthur legends. Detailed study of Sir Galahad. Pioneer stories of North America.

COMPOSITION, ORAL AND WRITTEN: Basis of work same as in the fourth grade. Continue exercises in punctuation as needs of the class show. All uses of comma, use of semicolon, brackets and quotation marks are taught. More emphasis is placed upon careful arrangement in story or composition, recognizing the paragraph as the unit of thought and noting natural sequence. Composition work planned to call for a great amount of original work, reports of games, contests, recitals, etc. Accurate, concise directions written out, telling just how to play a certain game, to make an article in manual training, etc. Original stories and plays written. Unfinished stories completed. Reports upon library reading relating to geography and history work written when needs of school require, as ordering pictures and books, renewing subscriptions to magazines, etc. Interesting events and news items are written up for the school paper. Exercises in alternative expression are given to direct attention to the form of their sentences and paragraphs.

SIXTH GRADE.

Oral; topical recitations:
- Current events.
- Story telling.
- Reports of trips, etc.
- Class discussions.

Written:
- Description, narration, exposition, letter writing, social notes, poetry, plays, dictation.
- Emphasis, thought, arrangement. Outlines of selections in literature and of supplementary readings in history and geography. Class discussions, followed by making of outline, on topics from geography, history, nature study, literature.

Ideas; nature of, how received, how expressed, kind.

Words; use in expression of ideas, leading to the study of parts of speech.

Judgments; subject of thought, predicate of thought.

Sentences; as expressing judgments, necessary elements of.

SEVENTH GRADE.

Formal: Review of ideas; words as instruments of expressing ideas; judgments; sentences; sentences as expressing judgments. Introductory work with the following parts of speech: nouns, pronouns, adjectives, verbs, adverbs. Recognition of the kinds and parts of a sentence. Gender, number, simple work in case. Rules for punctuation reviewed in connection with composition.

Informal: Written work correlated with other subjects. Grammar notebooks. Original weekly compositions based on interesting events in and out of school. Dictation of poems.

EIGHTH GRADE.

Informal:
- Composition work connected with other subjects.
- Arithmetic; ways of investing money, ways of saving money, steps in establishing a bank, writing original problems, etc.
- Grammar; writing a grammar for an eighth grade.
- Literature; character sketches, descriptions.
- History; written biographies, oral and written arguments of greatest interest, debates.
- Civics; writing of ordinances, bills, etc.
- Geography; descriptions of countries and their inhabitants, debates.
- Original stories for school magazines.
- Letter writing.
- Reports for school paper.

Formal:

Sentence, defined and classified.

Parts of a sentence and modifiers.

Further study of noun and pronoun, recognition of nouns and pronouns, classification, number, person, gender and case forms.

Ajectives (word, phrase, clause), recognition in any part of sentence, value in expression, classification.

Adverbs (word, phrase, clause), recognition, value in expression.

Spelling.

FIRST, SECOND AND THIRD GRADES.

Words selected from the other work of the week, as language, geography, numbers and reading.

FOURTH AND FIFTH GRADES.

Words are taken from daily lessons. The use of the dictionary is taught. Children also make blank dictionaries, in which are kept for ready reference lists of words which have been misspelled in written work.

SIXTH GRADE.

Words chosen from other subjects; words missed in written work. Dictation lessons, testing ability to spell the word in its use.

SEVENTH AND EIGHTH GRADES.

Use the state text in spelling.

Geography.

Throughout the primary work, first, second and third grades, attention is given to life work and map work.

FIRST GRADE.

Life work is taught through outdoor trips, near the child, his home surroundings. The science lessons lead the way to geography. From these lessons, which enable the children to see clearly that which lies about them, they are led to picture the related unknown, developing power of imagination and interpretation. These lessons are supplemented by stories—Jane Andrews, Seven Little Sisters, and others similar—pictures, clay and sand modeling, and the making of posters. Map work. Lessons in size, color, form, position, distance, direction. The children become familiar with the terms over, across, up, down, left, right, front, back, etc.

SECOND GRADE.

Races of people and life work. Industries and occupations. Real and imaginary trips. Pictures. Stories taken from Jane Andrews, Ten Boys, and other similar stories. Map work. Location of the homes of these boys. Simple drawings of floor plans for houses, parks visited, etc.

THIRD GRADE.

Home geography and local geography. City, town or district and the surrounding county. Follow the phases of work, life work, and map work, making the life and work of the people lead to the need of a plan, or simple map of the same. Free use of pictures, blackboard drawings, excursions or observation trips, collection of illustrative material, stories, etc., to aid in making the work concrete. The state; show life work and map work. Simple work from a primary text the latter part of the year. Purpose to teach the children how to use the text. These lessons will be supplemented by outdoor trips, experiments, chalk, clay and sand modeling.

FOURTH GRADE.

Brief review of Kansas. Interest extended to other states and to the United States as a whole.

Globe study to show the locations of the continents with reference to Kansas.

Study of our American neighbors, Canada, Mexico and South America.

Selected countries of Eurasia, England, Germany, Holland, Italy, Greece, Switzerland, Russia, China and Japan.

In studying these countries, the work centers around the industrial and social life of the people, their characteristics, their language, homes, schools, child life, etc., how they have solved the problem of living, their industries, and how affected by the climate and topography of the country. Descriptions of the places of interest to travelers, the cities, etc. Relation of each country to the United States; what they export to us and what we send them. Continuous map work done upon outline map. Relief maps modeled in sand. Much supplemental work. Texts, King's Primary Geography; Tarr and McMurry, book 1.

FIFTH GRADE.

North America. Detailed study of the United States. The leading physical features and industrial and commercial centers are studied as types. Lumbering in Maine, textile manufacturing in New England states and in the South, coal fields, iron manufacturing, cotton culture, sugar cane plantations, rice growing, the corn and wheat belts, ranching, mining centers, etc., are some of the topics around which center facts as to topog-

raphy, climate, lines of transportation, etc. Special attention to cause and effect. Descriptive and commercial geography of Canada, Alaska, Central America, Hawaiian Islands, Philippines, South America.

SIXTH GRADE.

Eurasia, Africa, Australia. Latitude, longitude, ocean currents; effects of climate on people; effects of insular, oceanic, continental and mountainous environment on man.

SEVENTH GRADE.

North and South America. The United States in detail. Study causal geography. Mathematical geography. Planetary winds, cause and effect.

EIGHTH GRADE.

Commercial relations between North America and Europe and South America, Asia, and other parts of the world. Transportation, interstate commerce.

History.

FOURTH GRADE.

Stories of Greek, Roman and Hebrew origin.

FIFTH GRADE.

American pioneer stories, and English history stories.

SIXTH GRADE.

The discovery and exploration of America, the events in England preceding and accompanying the colonization of America, growth of colonies, and French and Indian wars.

SEVENTH GRADE.

The American colonies and the United States up to 1825.

EIGHTH GRADE.

United States History:

1. The inauguration of our new government.
   Problems arising, domestic and foreign.
2. Industrial development and growth of West.
   Transportation, canals and steamboats.
   Growth of manufactures and commerce.
   Emigration to the west.
   Social conditions 1820; free and slave labor.
3. Political affairs.
   Political parties.
   Questions at issue.
   Rapid growth of democratic sentiment and practice.
   New parties and new party methods.
4. Foreign affairs.
   Revolt of Latin America, the Holy Alliance, Monroe Doctrine, Texas, Mexican War, Mexican cessions.

5. Industrial and social progress.
   Increase in production of raw material.
   Labor-saving devices.
   Steam railroad; Trans-Atlantic steamers.
   Foreign immigration; growth of West.
   Educational and social progress.
6. State *vs.* national sovereignty.
   Webster and Hayne debate.
   S. C. nullification.
   Theories of Webster and Calhoun.
7. Slavery question and the Civil War.
   Powers of Federal government with reference to slavery.
   Pending questions.
   Secession movements.
   Civil War.
   Overthrow of Confederacy.
   Reconstruction.
8. The New Union.
   Financial problems.
   Progress of industries and transportation.
   Political changes and reforms.
   Foreign affairs, Alabama claims, Hawaii, Venezuela boundary.
   Spanish-American War.
   Social and educational progress.
9. Present problems and political leaders.
   Tariff.
   Big business.
   Popular government.
   Political leaders and their platforms.

Civil Government.

EIGHTH GRADE.

City government, commission form of government:

1. Elective officers—mayor commissioner, commissioner of utilities, commissioner of finance; duties, powers, qualifications.
2. Laws governing city elections under commission government; candidate's petition; filing petition; elections; ballots; Australian ballot system of voting; term of office.
3. Organization of school into city and adoption of commission government naming city.
4. Election of commissioners; meeting of commissioners; application of appointive officers received and appointments made.

5. Passing of ordinances and franchise needed by school city.
6. Discussion of initiative and referendum; passing of ordinances by initiative of citizens.

State Government of Kansas:

1. Preamble and important sections in the bill of rights.
2. Executive department, officers, parties, duties.
3. Legislative department, in what vested, number, how determined, term of office, qualifications, duties and powers, prohibitions, how laws are made.

United States Government:

1. Growth of the Union.
2. Constitutional convention.
3. Study of three departments of National Government.

Numbers.

First Grade.

Expression. Reading and writing numbers from 1 to 100, suggested by pages in books, numbers on schoolroom doors. Roman numbers to XII. Signs +, —, and =. Counting. Counting by objects, by ones and by tens to 100. Counting by twos to 12. Counting by threes to 12. Addition and subtraction. Addition of any two numbers whose sum does not exceed 12. Also the corresponding facts in subtraction. Group work. Recognizing small groups without counting. Measures. Length—inch, foot, year. Liquid measures—pint, quart. Money value—cent, nickel, dime, dollar, half dollar, quarter of a dollar. Forms—square, circle, oblong, triangle. Solids—cube, sphere, cone, square and triangular prisms, cylinder. Construction work. Meeting problems through paper cutting, paper folding, cardboard work, use of blocks, making designs. Fractions—$\frac{1}{2}$, $\frac{1}{4}$, when related to a single object, a group of objects and one object compared with another. Problems. Such problems as will interest the children on account of their immediate relation to child life and children's needs.

Second Grade.

Review of first year's work. Expression. Reading and writing numbers to 1000. Roman numbers to XII. Telling time by hours and half hours. Signs +, —, =, ×, ÷, $. Counting. Counting by twos and threes to 20, by ones and tens to 100. Adding and subtracting. The forty-five combinations, including the corresponding facts in subtraction. Review for quick work the combinations and separations through 12. Develop and drill upon, for quick work, those between 12 and 18. Drill until the combinations can be given at sight. Drill on the tables of endings. Adding columns of three or four one-figure numbers dur-

ing the first half of second year. Simple figure numbers during the first half of second year. Simple work in subtraction. The last half of the year teach subtraction, taking from the next higher order. Multiplication and division. The emphasis is placed upon addition and subtraction. The tables of twos, threes and fives, fours to 6 x 4, tens to 10 x 10. Measures. Continue the use of the first year measures. Also use gallon, peck, bushel, pound, half-pound, thermometer, clock. Forms. Continued use, especially for comparison work and for judgment training. Construction work. Continue meeting problems through paper cutting, paper folding, cardboard work. Fractions—halves, fourths, thirds, fifths, as suggested in first year. Problems related to child life and needs. Games and their use in teaching numbers.

Third Grade.

Expression. Reading and writing numbers to 10,000. Reading and writing and use of Roman numbers through XX. Reading and writing fractions in connection with the tables. Reading and writing dollars and cents. Addition. Review the forty-five combinations. At sight add any one-figure to any two-figure number. Also columns of three or four one-figure numbers. Addition of from four to six numbers, the sum not to exceed 10,000. Subtraction. Review the forty-five combinations. At sight subtract any one-figure from any two-figure number. Multiplication. Review the tables taught in the second grade, and introduce the children to the remaining tables through concrete work. In multiplication use but one figure as a multiplier. Division. Short, using one figure as a divisor. Measures. Review the work of the second year. Compare pints, quarts, and gallons; quarts, pecks, and bushels; ounces and pounds; minutes, hours and days; days, weeks, months and years; square feet and square yards. Construction work, scaling, making boxes, garden plots, etc. Problems related to child life and needs.

Arithmetic.

Fourth Grade.

Amplification of third-grade work in subtraction and addition.
Complete processes of multiplication and division.
Measuring as needed by work of class—length, surface, weight, liquid and dry measure, time.
Many practical problems relating to interests of children in home, school and garden, and problems connected with geography and elementary science.
Personal accounts.
Simple fractions—concrete.

Fifth Grade.

Measurement. Linear—rod, mile; square—rod, acre, section; cubic—inch, foot, yard. Many practical problems. A cottage plan is drawn to scale. Many problems are based upon the building and furnishing of this house, painting, plastering, tinting, papering, carpeting, etc., using local prices for material and work done.

Area of triangle.

Bills and accounts.

Simple fractions.

Introduction to decimal fractions through United States money.

Simple percentage through records in contests, athletic events, etc.

Many problems growing out of the work of geography and elementary science.

Drills in fundamental processes kept up through the year.

Sixth Grade.

Addition, subtraction, multiplication and division, for accuracy and speed.

Bills and accounts.

Measurement—length, surface, volume, temperature, rainfall, time.

Farm accounts.

Cancellation.

Common fractions.

Introduction to percentage.

Simple interest.

Seventh Grade.

Notation and numeration. Reading and writing whole numbers, common fractions, and decimals to six places. Roman notation. Reading and expressing per cents as common and decimal fractions and *vice versa*.

Fundamental operations. Addition, subtraction, multiplication and division, for speed and accuracy. Proofs and checks. Common fractions.

Decimal fractions. Addition, subtraction, multiplication, division.

Ratio and proportion. Laws of ratio and proportion. The fraction as a ratio; the proportion as an expression of the equality of two ratios.

Denominate numbers. Complete development of tables; problems using tables. Longitude and time. Metric system.

Percentage and its applications. Connections of percentage with common and decimal fractions. Application. Commission. Trade discount. Interest (the principal application of percentage). Interest by common method.

Eighth Grade.

Percentage and its applications. Insurance, taxes, trade discount, stocks and bonds.

Interest. Six per cent method. Promissory notes and discounting notes. Bank discount. Compound interest. Partial payments.

Square root. Squares of numbers. Tables of squares of first nine integers. How to find square roots of numbers. Its application in problems of common affairs.

Mensuration. Review of denominate numbers. Surface forms—rectangle, quadrilateral, triangle, circle and polygon. Area—rectangular, triangular, polygon, circle. Volume—rectangular prism, triangular prism, cylinder, pyramid, cone, sphere.

Application in common affairs. Establishing a school bank and other corporations applying work in percentage, interest, bills and accounts, and fundamental operations. Planning a farm, applying work in mensuration, square root, fundamental operations, and mechanical drawings.

Nature Study.

Fourth Grade.

STUDY OF WEATHER CONDITIONS. Temperature, moisture, records kept, work of Weather Bureau, reading weather flags, daily reports, etc. Many simple experiments.

LIGHT, NATURAL. The sun—interesting facts, seasonal changes, length of days, records kept. The moon—changes, observations made, records kept. Different positions of sun and moon in rising and setting.

LIGHT, ARTIFICIAL. History of man's use, torches, candles, lamps, gas, electric; simple laboratory experiments. Visit to Normal electrical plant.

STUDY OF HEAT. History of man's use, modern stores and furnaces. Visit to Normal heating plant.

ANIMAL LIFE. Familiar insects, water life. Bird study—adaptation to life conditions emphasized and lists made, as perchers, waders, swimmers, the seed eaters, insect eaters, birds of prey, etc.

PLANT STUDY. Wild flowers studied and recognized by families.

SCHOOL GARDEN. Many simple experiments with soil, seed germination.

Fifth Grade.

TREE STUDY. Lists made of trees of campus, city and near-by woods. Identification by form, bark and leaves. Planting, care

and value of trees. Detailed study of evergreen trees. A study is made throughout the year of a selected tree on the campus, sketching it from time to time and recording facts of its seasonal changes.

ANIMAL STUDY. Cottontail, jack rabbit, coyote.

BIRD STUDY. Recall work of fourth grade. Study birds as families, the thrush family, etc.

PLANT AND GARDEN STUDY, as in the fourth grade. Emphasize in this grade work with common commercial plants, as wheat, corn, oats, beans, alfalfa, beets and tomatoes.

ELEMENTARY ASTRONOMY. Planets and a few constellations. Study water supply of Emporia.

Sixth Grade.

Birds.
- Adaptation.
- Individuals.
  - Identification by song, color, movements.
  - Life habits.
  - Nest building.
  - Foods.
  - Economic value.
- Forests:
  - Need.
  - Reservation.
  - Conservation. Forest service.

Physiology.

Seventh Grade.

Practical study based on need of early formation of right habits of position and care of the body.

The bones, the teeth, the skin, the eye, the ear, the nervous system.

Eighth Grade.

Special emphasis laid on the importance of studying physiology and the application of this knowledge every day in order to have strong, healthy bodies.

1. Bones and Muscles. Composition, form, use, etc. Importance of gymnasium, corrective exercises and games for their right development. Formation of correct habits of walking, sitting, standing. Why this should be given especial attention during years of growth.
2. Respiration. Organs, process, etc. Importance of fresh air. Ventilation in homes and schools.
3. Digestion. Organs, process, etc. How we can aid digestion by eating the right sort of food, time of eating, thorough mastication.

4. Nervous system. Brain, spinal cord, and nerves. Sympathetic system. Importance of having a strong system. How to attain this.

5. Special senses. How to care for them.

Music.

First Grade.

Rote songs for voice and ear training and unification of voices. Songs of child life. Songs of the seasons. Songs for special occasions. Ethical songs. Songs for rhythm. Songs related to daily work. Working songs. Tone imitation work for voice and ear training. Rhythm work. Two-part rhythm. Three-part rhythm. Sight singing. Melodies of working songs previously taught by syllable by rote, now read from blackboard in whole notes. Mechanical terms used—staff, bar, G clef, sharp, flat, note, double bar.

Second Grade.

Rote songs for voice and ear training and unification of voices. Songs of child life, songs of the seasons, songs for special occasions. Ethical songs. Songs for rhythm. Songs related to daily work. Tone imitation work for voice and ear training. Rhythm work. Two-part rhythm. Three-part rhythm. Sight reading. Chart melodies in the nine common keys, involving only the easiest skips. New mechanical terms—$\frac{2}{4}$ measure, $\frac{4}{4}$ measure, $\frac{3}{4}$ measure, $\frac{3}{8}$ measure, $\frac{6}{8}$ measure, tie, slur, hold, repeat marks.

Third Grade.

Introduction to music reader. Sight reading of songs and exercises in all nine common keys. Pitch problems, pitch names, key names, all skips within any key. Rhythm problems. No sound shorter than one beat. Rote songs as in second grade.

Fourth Grade.

Pitch problems: $\sharp 4$ in nine common keys; use of $|\!/\!|$; $\flat 7$ in nine common keys; two-part song; $\sharp 1$, $\sharp 2$, $\sharp 5$, $\sharp 6$, in nine common keys. Rhythm problems: Two equal sounds to the beat; two unequal sounds to the beat. Rote songs.

Fifth Grade.

Pitch problems; introduction of minor; further study of $1\sharp$, $2\sharp$, $3\sharp$, $4\sharp$, $5\sharp$, $6\sharp$, and $7\flat$. Rhythm problems: The triplet, first and second form; the catch note; two unequal sounds to the beat. Rote song.

Sixth Grade.

Pitch problems: Three-part song; intermediate tones with skips; continuation of minor; $\flat 3$, $\flat 6$, $\flat 2$. Rhythm problems: The catch note. Continuation of two unequal sounds to the beat.

Seventh Grade.

Pitch problems: Formal study of minor mode. Two additional keys. Modulations. Rhythm problems: Triplet in third form. Four equal sounds to one beat.

Eighth Grade.

Pitch problems: Intervals, the F clef.

Rhythm problems: One long and two short sounds to the beat. $\frac{9}{8}$ measure, compared with $\frac{3}{4}$.

Handwork and Art.

Primary Grades.

Use of scissors, paper and posters. Water colors, raphia, cardboard, etc., in the making of useful articles and designs. This work is closely related to the nature work, numbers, language and geography.

Fourth Grade.

Water color, brush and ink, pencil, chalk, simple blackboard sketching, free-hand cutting for illustration, nature sketches, flowers, trees, birds, etc. Free illustration of stories and poems, simple pose in pencil or silhouette. Lettering.

Standard colors reviewed; tints, shades and hues developed.

Design; border and surface, repetition and alternatives, using geometric or nature motives on squared or punched paper.

Original design made for book covers, etc.

Study of famous pictures.

Stories and pictures of Greek art.

Construction Work.

Paper and cardboard.

Booklets made, decorated covers, simply bound.

Boxes, plain or covered, reinforced covers.

Photo mounts, labels, envelopes, bookmarks and other simple pieces made from jute, tag and bristol board.

Weaving.

Clay pottery.

Ideal farmyard constructed, using cardboard, wood and clay. In this work the girls do the cardboard work while the boys use coping saws in the wood construction.

Fifth Grade.

Continuation of work of fourth grade. Tints and shades, and hues of color reviewed and complementary colors taught. Design. Regular division of surface, radial arrangement. Repetition of straight line and curve in all positions. Stenciling. Original designs for book covers, for stencil designs, for blackboard borders, pottery designs, etc. Landscape—season studies, sky pictures, simple bits of outdoor landscape painted. Sketches in

black and white. Tree study emphasized, sketches of trees made with pencil, crayon or brush. Trees upon campus painted. Booklet made showing year history of a chosen tree. Picture study. Roman art, simple studies.

Constructive work: Wood work. Tools—pencil, try-square, bench-book, knife, backsaw, coping saw, hammer, plane, brace and bit, and file. Models made—name plate, plant marker, key label, shipping tag, match scratcher, pencil sharpener, cord winder, paper file, box, key rack, tooth-brush holder, bracket shelf, post-card box, and cart.

Sixth Grade.

Design: Book covers. Folios for compositions. Envelopes for papers. Christmas candy box. Favors for class parties. May baskets. Easter cards. Christmas cards. Programs. Calendars.

Construction of above.

Water color, in above. Seasonal landscape for calendar. Flowers, trees, etc.

Seventh Grade.

Landscape — pencil, charcoal, water color. Plant study — drawing of trees, leaves, flowers, vegetables. Decorative design —calendars, book covers, posters. Printing—different styles of letters, spacing, initial letters.

Eighth Grade.

Continuation of work of preceding grade. Principles of perspective. Group drawing, emphasizing perspective. Home decoration. Relation of art to home decoration, artistic arrangement, color blending, training judgment in selection and meaning of pictures.

Manual Training.

Fourth Grade.

Clay, paper, cardboard and light wood are the materials used. The aim is to develop in the child an appreciation of the beautiful, besides giving him a knowledge of measurement. A variety of projects are given to stimulate interest. Work in clay is along the line of pottery. Work in paper and cardboard is developed along four lines: making of card projects, envelopes, boxes, and book making. The woodwork consists of elementary whittling and coping-saw work.

Fifth Grade.

Light woodwork takes up the entire time in this grade. Basswood of varying thickness is used for the entire course. Whittling is emphasized in the first of the course. Later the block plane and saw supplant it. Fewness of tools is emphasized. Proj-

ects are: name plate, plant label, match scratcher, pencil sharpener, paper file, tooth-brush holder, bracket shelf, jewel box, frame, and bow and arrow.

Sixth Grade.

Planing to the third dimension (thickness) is introduced in this grade. More tools are studied and used. Narrow-surface and broad-surface planing are taken up and emphasized. Accuracy is insisted upon. Models made are: bill file, bread board, handkerchief box, coat hanger, whisk-broom holder, pen rack, a bent iron model, and an optional model. Finishing the model in various ways is taken up, though for the greatest part simple staining and waxing is preferred.

Seventh Grade.

Simple joinery is begun in this course. The course is not so rigid as in preceding grades. A group of models are offered, and pupil selects from the group the model preferred. Work in hard wood is introduced in the latter part of the year. Each pupil keeps his tools in shape and is expected to do accurate work. More tools are added, and work becomes more complex. Models made are: broom holder, or brush and comb pocket, book rack, blotting pad or sleeve board, footstool, nail box or blacking box, medicine cabinet or book cabinet, and an optional model.

Eighth Grade.

By the time the pupil has reached the eighth grade he is able to judge his own workmanship and is able to plan furniture. He is given an opportunity to select and make a piece of furniture, same to take most of his class time during the year. For the greater part, simple joinery is insisted upon, but in some cases more advanced joinery is given. Projects selected individually during the year are: writing desk, book case, music cabinet, taboret, magazine rack, stand, table, hall tree, umbrella rack, etc. Finish is insisted upon; oil, oil stain, filler, varnish in few cases, and wax are used. Drawing is introduced in this grade as mechanical work. From ten to fifteen plates are drawn and inked during the year. By the time he is through with the drawing he is able to make working drawings of the models used in classroom.

Domestic Science and Art.

Sewing—Fifth Grade.

Weave a rug or hammock to learn the darning stitch.
Darn stockings.
Practice work on coarse material such as Jaua canvass.
Apply simple stitches and seams in making a sewing bag and outfit to supply a doll's bed consisting of sheet, pillow slip, pillow, mattress, blanket, comfortable, pad and spread for

doll's bed. Each girl using her complete outfit will learn to make a bed properly by practicing on the doll's bed for which they were made. Study about sanitation of bedroom, laundering, and care of bedding, etc.

Art needlework. The use of ornamental darning on plain crash in making a table runner.

Sewing—Sixth Grade.

Patching. Material to use, old or new, fading, matching of pattern, etc.

Laundry bag. Care of soiled clothing. Removal of stains. Outline word "Laundry" on bag.

Articles to be used in kitchen. Dish towels, hand towels, kitchen apron, holder.

Articles for dining room. Study of linen, making of napkin, hemstitched or fringed doily, embroidered doily.

Laundering and care of table linen. Care of dining room.

Crocheting. Wash cloth, doily or small bag.

Knitting wash cloth.

Make pattern for large rug; divide in as many parts as students in class. Let each weave a section.

Sewing—Seventh Grade.

Garment making. A study of materials and trimming suitable for undergarments. Use of machine and attachments. Use of patterns. Drafting to one's own measurements. Drill in economical use of cloth. Estimation of cost of garments. Making of underwaist, drawers, nightgown or skirt, kimona.

Sewing—Eighth Grade.

Make articles for bedroom. Discuss sanitary sleeping rooms. Materials suitable, plan a complete outfit of furnishing for sleeping room. Make a dresser set, consisting of scarf, mat and pincushion cover.

Make and mark articles to be used in cooking class—holder, half sleeves, towel, apron, cap.

Cooking—Eighth Grade.

Lessons in cooking are given to girls in the eighth A class. The lessons cover a ninety-minute period twice per week during one semester, and vary in order of succession according as to whether the class begins work in September or January, but lessons dealing with the following materials are given during the term:

Fuels, fire building, lighting of gas range, and reading of meter.

Dust and cleaning, cleansing agents, dish towel, washing.

Measures and weights.

Foods and the food principles.

Water, its purity and protection.

Mineral water.
Fruits.
Bacteria, fermentation, yeasts and molds; cooking dried fruits; fruit canning and jelly making.
Sugars and starches, candy making, cereal and vegetable cookery.
Milk constituents; food value, clean milk, methods of protecting milk, pasteurization, preparation of milk dishes, cheese, cocoa, white sauce, cream soups.
Eggs and their food value and uses, effect of heat upon eggs; proper cooking of eggs; coddled eggs, poached, creamed, omelet, sponge cake, custard.
Cheese, value in diet, cooking of cheese dishes.
Meats—composition, broiling of steak, hamburger, beef loaf, soup stock, croquettes, frying in deep lard.
Bread and bread making.
At least two special lessons are given in table setting, serving of a meal, and entertainment.

The children pay a laboratory fee of two dollars for a semester. Each girl is expected to be supplied with wash dresses, at least two white aprons, and two pairs of half sleeves, two white or checked hand towels, and holders of white crash.

Physical Training for Girls.

All children from the fourth to eighth grades, inclusive, are required to take physicial training in gymnasium suits. The work is adapted to the age and needs of the child, and is made both recreative and beneficial. Those having physical defects or weaknesses are given special exercises by competent teachers. These exercises are prescribed according to individual needs shown by their physical examinations. All grades are allowed one lesson a week in the swimming pool at the four-foot depth. Those who do not desire swimming lessons are given regular gymnasium work by student teachers.

Normal students so desiring may be appointed to one of the model grades and given a course in teaching gymnastics under supervision of Miss Kitchin.

COURSES IN PRACTICE.

1. Grades fourth and fifth.
   (*a*) Simple marching (for posture and coördination).
   (*b*) Exercises to develop rhythm and imagination.
   (*c*) Folk dances and singing games.
   (*d*) Simple indoor and outdoor games.
   (*e*) Playground exercises and games.

2. Grades sixth and seventh.
   (*a*) Marching tactics.
   (*b*) Combined exercises (to develop physical coördination).
   (*c*) Hand apparatus work (dumb-bells, wands, etc.).
   (*d*) Folk dancing.
   (*e*) Playgrounds work.
   (*f*) Competitive games.
3. Grades seventh and eighth.
   (*a*) Advanced tactics.
   (*b*) Complex exercises with or without hand apparatus.
   (*c*) Advanced folk dances.
   (*d*) Apparatus work (including the horse, buck, parallel bars, ropes, rings, horizontal ladder, boms, and stall bars).
   (*e*) Basket ball.
   (*f*) Playground games (soccer, baseball).
   (*g*) Relay races and competitive games.

Physical Training for Boys.

All the boys above the third grade in the Training School are enrolled in gymnasium classes taught by regular teachers of the Physical Training Department. The classes meet for an hour twice a week. The classes wear regulation gymnasium costumes.

The work is organized on a play basis, and consists mostly in seasonal athletic games, only enough formal gymnastics being given to correct or avoid faulty posture. During the fall soccer football is taught; in the winter season basket ball and indoor baseball occupy the boys' attention; and during the spring all are outdoors working for a place on the baseball team. All the boys have one swimming lesson a week throughout the year. One of the most enjoyable features of the boys' physical training is the annual "hike." This occurs near the close of the school year. The boys are dismissed from their afternoon classes and tramp to the woods, with the gymnasium teacher, where the time is spent in swimming and games and supper is cooked around a camp fire.

PHYSICAL TRAINING BUILDING.

DEPARTMENT OF MUSIC.

(191)

Department of Music.

HENRY D. GUELICH, Director of Department of Music, Piano, Theory and History of Music.

FRANK A. BEACH, Voice Culture and Chorus.

ERNEST G. HESSER, Voice Culture.

CARLTON WOOD, Violin, Stringed Instruments and Orchestra.

BERENICE RICE, Piano and Theory of Music.

FLORENCE CROSS, Piano.

E. FLOY SCHUMACHER, Voice Culture.

LURA VIRGINIA MUIR, Piano.

RAY WINTHROP WINGATE, Voice Culture.

MABEL RHODES, Piano.

MABEL STONE, Piano.

MARCELLUS GRADY, Band Instruments and Band.

EQUIPMENT.

The department of music occupies a building of its own, with well-equipped studios, classroom, piano and clavier practice rooms. The library contains a choice collection of books for reference, vocal and instrumental scores of operas, symphonies, chamber music, oratorios, cantatas, etc.

PLAN OF THE WORK.

Courses are offered in the Department of Music not specifically included in the regular courses leading to general life diploma and degree, and these are listed separately in the following pages.

The Department of Music offers systematic and thorough individual and class instruction in piano, voice culture, violin, theory and history of music. The general plan of the work is twofold:

First, to give the student who wishes to complete a course in the above-named branches an opportunity to receive a general and specific training in music, proficiency in public performance, and a thorough preparation for the profession of teaching.

Second, to offer instruction to those students who wish to spend only part of their time in the study of music. Such students may take up special work suited to their needs and attainments.

COURSES OF STUDY.

The courses of study in the Department of Music are:

1. A secondary course of four years, designed especially for students who wish to complete the studies of a high-school course and at the same time receive training in piano, voice culture or violin. The latter subjects are an integral part of the course and count for units of credit for other subjects omitted.

2. A certificate course, open to students who have completed the secondary course and in addition courses IX and X of the advanced course in piano, voice culture or violin, harmony 1 and 11, history of music 1 and 11, musical analysis 1 and 11, normal class, ensemble playing, or singing 1.

3. A diploma course for students who have completed the certificate course and courses XI and XII in piano, voice culture or violin, counterpoint 1 and 11, ensemble playing, or singing 11.

4. A graduate course, including courses XIII and XIV in piano, voice culture or violin, fugue 1, instrumentation 1.

Detailed Courses of Study.

PIANO.

The most important part of a musical education is the study of the piano. The popularity of the instrument, its general usefulness, and the almost endless wealth of piano literature are convincing facts in favor of this statement. To produce the best results in the study of the piano it is necessary to have a uniform system, logical and practical, based upon the technical and interpretative capacity of the instrument. The requirements of the individual is the keynote of this system. The application of selected studies for overcoming difficulties, the study of memorizing for analytical insight, the study of interpretation for artistic performance, and, in general, the gradual development by means of modern technique, are the methods used in this department for the training of the student. The methodical application of these principles will lead the student to understand a composition intellectually and to interpret it with expression and artistic finish. It is the aim of the following courses in piano to prepare students for the profession of teaching, acquaint them with the choicest literature of piano music, and to develop concert pianists.

Secondary Course.

PREPARATORY GRADES.

1 AND 2.—Exercises in the forming of the hand, developing the finger, wrist and arm muscles; technical studies from Koehler, Virgil and Mason; sight reading; easy selections.

3 AND 4.—Technical exercises from Mason and Virgil; etudes for phrasing, rhythm and expression by Sidus, Concone, Gurlitt and Streabbog; sight reading; selections from the best modern writers.

INTERMEDIATE GRADES.

5 AND 6.—Etudes for expression and phrasing by Lemoine, Loeschhorn and Concone; octave studies by Gurlitt and Doering; sonatinas selected from the works of Clementi and Kuhlau; technical exercises by Mason, Virgil and Leschetizky; ensemble playing; modern and classic selections.

7 AND 8.—Studies by Loeschhorn, opus 66; Heller, opus 46, 47; Duvernoy, opus 120; preludes by Bach; Vogt, opus 145; Wolff, opus 118; technical exercises, selected; sonatas by Mozart, Haydn and Beethoven; selections from the works of modern and classical composers; ensemble work.

Advanced Course.

9 AND 10.—Inventions by Bach; Czerny, opus 740; Cramer studies; Czerny, opus 553; selected technical exercises; sonatas by Beethoven, Mozart and Haydn; movement of a concerto, ensemble playing; modern and classic selections; public performance.

11 AND 12.—The Well-tempered Clavichord, by Bach; Clementi's Gradus ad Parnassum; octave studies by Kullak; etudes by Moscheles, opus 70; advanced technical exercises; sonatas by Beethoven and Haydn; modern or classic concerto and suite; ensemble work; practical work in musical pedagogy; recital of classic and modern selections.

Graduate Course.

13 AND 14.—Selected etudes from the works of Chopin, Liszt, Schumann, Henselt and Moszcowski; sonatas, concertos and suites, modern and classic; concert selections of the best composers; public recital.

Instruction in Piano for Juveniles.

A special course of instruction in piano for children is offered by the Music Department. The plan of the course is to present the work in a simple, clear and interesting manner, and to train the pupils in the fundamental principles of piano playing. The Fælton, Fletcher and Virgil methods will be used as a basis for the work.

The tuition for a term of nine weeks for children in the kindergarten and primary grades is eight dollars. This will entitle the pupil to two private lessons and one class lesson per week. In the private lessons the pupil will receive the personal attention of the instructor, and in the class lesson special training in ensemble work, blackboard drill, ear training, etc. A tuition of five dollars will be charged for one private lesson and one class lesson a week for a term of nine weeks.

The tuition for juveniles, from the age of twelve to sixteen, for a term of nine weeks, eighteen private lessons, is nine dollars.

VOICE CULTURE.

Since each person's voice demands individual treatment, it is not possible to express in definite terms a method of singing. The following general statement, however, will be of interest to prospective students.

In the development of voices, particular stress is laid upon correct control of the breath; the acquisition of a perfectly blended scale; the elimination of the sensation of "going up" or "going down" to tones; the establishment of distinct enunciation and finished diction; and the development of an artistic, yet individual power of interpretation.

Contrary to the commonly accepted idea, not the few but the majority can cultivate the art of singing. The mass of public singers to-day are not highly gifted; rather are they persons of average ability coupled with application and wise study.

Secondary Course.

PREPARATORY GRADES.

1 AND 2.—Fundamental principles of voice building; tone and vowel work; correct physical poise, with natural and easy methods of breathing; diction, sight reading and simple songs.

3 AND 4.—Advanced exercises for intensified respiration; exercises in major, minor and chromatic scales; etudes for modulation; sight reading and ear training; advanced solo work and choral singing.

INTERMEDIATE GRADES.

5 AND 6.—Studies for enunciation, rhythm and phrasing; acoustics and vocal physiology; sight reading and diction; selected etudes from Concone and Marchesi; songs from modern composers.

7 AND 8.—Exercises for attack, legato and staccato; interpretation; solfeggio and ensemble practice; etudes by Lamperti and Lankow; vocalises by Panofka and Shakespeare; ballads and lieder.

Advanced Course.

9 AND 10.—Vocalises in phrasing by Marchesi, opus 3; exercises by Panofka, opus 8; exercises for flexibility, shade and tone color; study in artistic interpretation; selection from the works of English, German and Italian writers; public performance.

11 AND 12.—Advanced work in technical studies for phrasing; development of natural style and cultivation of dramatic expression; study of piano accompaniments; oratorio and operatic selections; practical work in musical pedagogy; public recital.

Graduate Course.

13 AND 14.—Repertory of English, French, German and Italian songs; technical exercises and vocalises; recitations, arias and ensemble music from standard operas and oratorios; concert selections; public recital; from the works of modern and classic composers.

VIOLIN.

The course in violin playing is logical, thorough and complete, and is in every case adapted to the individual requirements of the pupil. Great care is taken in laying the foundation principles and developing the pupils along the lines of accuracy and freedom of execution. A good technique, though indispensable to

violin playing, should be used only as a means to an end, and its development as it will serve sane and expressive interpretation. The warmth and breadth of tone, a guarded use of vibrato and glissando, control in diminuendo and crescendo, rhythm in tempo, and the many other characteristic attributes which stamp the violin king of solo instruments, are carefully developed. No efforts are spared that will help in developing graceful and artistic performers.

Secondary Course.

PREPARATORY GRADES.

1 AND 2.—Careful study in holding the violin, position of the body, placing of fingers in different keys; fundamental principles of bowing; foundation studies by Gordon and Dancla; violin duets by Pleyel; book I by Kayser; easy selections.

3 AND 4.—Scale studies in all keys, varied fingering and simple bowing; arpeggio forms in first and third positions; study of changing positions; studies by Kayser, book II; etudes by Henning and David; selections.

INTERMEDIATE GRADES.

5 AND 6.—Studies in all positions; special studies in changing of positions; etudes by Kayser, book III; violin duets by Maza; symphonies by Dancla; technical studies by Schradieck and Sevcik; ensemble playing; modern and classic selections.

7 AND 8.—Scales in all positions, major and minor, in thirds and octaves; etudes and caprices by Kreutzer; advanced studies in double stopping by Sevcik; duets by Viotti and Maza; concertos by Viotti; ensemble work; selections from the works of modern and classic composers.

Advanced Course.

9 AND 10.—Selected etudes and caprices by Kreutzer; studies by Schradieck, books II and III; caprices by Fiorillo; perpetuoso by Paganini; fantasias by Saenger; David's Violin School, book II; concertos, sonatas and selections, modern and classic; public performance.

11 AND 12.—Artistic studies by Maza; ten characteristic studies by Allard; Spohr's violin school; caprices by Rhode; advanced technical exercises; concertos, sonatas and selections from the works of modern and classic composers; ensemble playing; practical work in musical pedagogy; public recital.

Graduate Course.

13 AND 14.—Six sonatas by Bach; caprices by Paganini; concertos, fantasias and concert selections from the works of Beethoven, Mozart, Spohr, Vieuxtemps, Wieniawski and Mendelsshon; public recital of modern and classic selections.

Instruction in Violin for Juveniles.

A prominent violin teacher and artist of New York city says: "The study of music should begin as early as possible. A solid foundation is indispensable if good results are desired; thus a thoroughly competent teacher is essential from the beginning."

The course of training as outlined in this work is especially adapted for children and is designed to give them just such thorough fundamental training as will enable them to take up the advanced courses intelligently and with greater ease. Too much stress can not be placed upon a thorough and correct foundation as a means to future advancement. It is in the beginning that habits of playing are most easily acquired. If these habits are correctly formed the pupil's advancement may go on uninterrupted; if incorrectly formed, then the pupil must at some future time take time to go back and correct the mistakes or the progress is retarded and often must stop altogether.

Theory of Music.

1. HARMONY I. *Three hours credit.* Each semester.

   M. W. F., at 9.

   The fundamental principles of the theory of music are embodied in the study of harmony, which treats of the different chords in their natural relations and combinations. The subdivisions of the subject are as follows: Intervals; triads, seventh and ninth chords with their inversions; cadences; modulation; ear training; harmonizing melodies.

2. HARMONY II. *Two hours credit.* Second semester.

   T. Th., at 9.

   Chromatically altered chords; augmented chords; suspensions; passing and changing notes; modulation; organpoint; analysis; ear training; original work in harmonizing melodies.

3. COUNTERPOINT I. *Three hours credit.* First semester.

   M. W. F., at 10:30.

   Counterpoint applies the principles of harmony to the melodious treatment of the several voice parts in combination. The study of this subject naturally follows that of harmony and develops the contrapuntal facility necessary to all forms of composition. The work includes strict counterpoint; the various orders of modern counterpoint; contrapuntal treatment of *cantus firmus* in different voices; harmonization of chorals and melodies; simple forms of free composition.

4. COUNTERPOINT II. *Three hours credit.* Second semester.
M. W. F., at 10:30.
Counterpoint in five or more parts; vocal counterpoint; analysis; exercises in free composition.

5. CANON AND FUGUE I. *Three hours credit.* First semester.
M. W. F., at 8.
Canon and fugue are the most advanced forms of polyphonic composition, and require a thorough knowledge of harmony and counterpoint. The work will consist of practice in writing canons of all varieties and in the analysis and composition of fugues.

6. INSTRUMENTATION I. *Three hours credit.* Second semester.
M. W. F., at 8.
Lectures on the art of instrumentation, with special reference to the characteristics and tone quality of the various instruments; analysis of the most important vocal and orchestral works; exercises in orchestration.

History and Analysis of Music.

1. HISTORY OF MUSIC I. *Two hours credit.* First semester.
T. Th., at 9.
This is a literary course, which does not require special technical skill; it is open to all students who have practical knowledge of vocal or instrumental music. The work includes the growth of music from ancient to modern times; the history of early church music; the development of musical forms, sacred and secular, and instruments; and the polyphonic era.

2. HISTORY OF MUSIC II. *Three hours credit.* Second semester.
M. W. F., at 9.
Modern music and musicians; biographies and the works of the great composers of the classic, romantic and modern schools. The history of the opera, cantata, oratorio, symphony, and various other forms are studied in detail.

3. MUSICAL ANALYSIS I. *One hour credit.* Second term.
T. Th., at 3.
The courses in musical analysis are for students who wish to understand and appreciate the works of the great composers. The work of this course consists of lectures and recitals on instrumental forms. The symphony, sonata, string quartet and the smaller forms are analyzed and explained. Representative types are played in the class.

4. MUSICAL ANALYSIS II. *One hour credit.* Third term.
T. Th., at 3.
A study of the construction of vocal forms, including the opera, oratorio, cantata and smaller forms. The work is supplemented with vocal illustrations.

5. NORMAL CLASS I. *One hour credit.* Second semester.
W., at 3.
A special course for students preparing themselves as teachers. The work embraces lectures on methods of teaching; papers and discussion by students; and a monthly conference devoted to current events.

6. ENSEMBLE PLAYING I. *One hour credit.* Throughout the year.
Time to be assigned by the instructor.
Ensemble playing classes in piano and violin meet weekly for the study of concerted music. Four- and eight-hand music and chamber music for stringed instruments form the basis of the work. This practice enables the pupil to become acquainted with many masterpieces and receive training in sight reading and accompanying.

7. ENSEMBLE PLAYING II. *One hour credit.* Throughout the year.
Time to be assigned by the instructor.
Advanced ensemble playing; continuation of course 1.

REQUIREMENTS FOR GRADUATION.

A certificate of merit will be given to those students who complete successfully the certificate course in piano, voice culture or violin.

A diploma of graduation will be awarded to students who have satisfactorily completed the prescribed work of the diploma course in piano, voice culture or violin.

Students completing the graduate year in piano, voice culture or violin, will receive a diploma stating the amount of work accomplished.

SUMMER TERM.

Students may pursue any of the regular courses during the summer term.

RECITALS AND CONCERTS.

The work of the year is interspersed with public recitals and concerts given by pupils, members of the teaching staff and musical organizations.

FOR PUBLIC-SCHOOL TEACHERS.

The present tendency to include musical subjects in the courses of the graded school and high school has opened a new field for the school teacher. In some of the larger high schools, harmony and history of music have been added to the curriculum. Even the study of piano and voice culture for credit has been tried with success. In public schools where musical subjects are not included in the regular courses a knowledge of music and some technical training would enhance greatly the teaching proficiency and general usefulness of the instructor. To be able to play a hymn, a song or an accompaniment, and to sing acceptably, is a useful acquisition in the training of a school teacher. In many instances the teacher possessing this accomplishment is given the preference. The department of music aims to meet these requirements by offering certain courses in piano, voice culture, musical analysis, harmony and history of music.

ORGANIZATIONS.

The organizations maintained by the department are an orchestra, band, chorus, mandolin and guitar club and smaller organizations. These are free to students who are able to meet the entrance requirements.

REGULATIONS.

All tuition is payable strictly in advance, at the beginning of each term. All work in this department is suspended on legal holidays as given in the calendar of this catalogue. Students may enter at any time; however, it is best to enroll at the beginning of a term. All lessons lost by absence or tardiness of the pupil will be the pupil's loss, unless reasonable previous notice of the expected absence is given, in which case the lesson will be made up within the term only. A record is kept of all completed work in technical and theoretical music. Students must complete a full term of lessons or class work in order to receive a grade for the work. Students leaving or discontinuing lessons during the term time forfeit all payment, except in case of protracted illness, in which case the balance will be allowed upon a subsequent term or half the loss will be borne by the department. All students who wish to take up work in this department must receive an assignment card from the director of music. This card must be presented to the registrar and exchanged for a permit. No student will be permitted to receive instruction or enter a class until the tuition has been paid and the permit has been presented to the instructor.

RATES OF TUITION.

The year consists of five terms of nine weeks each, two lessons weekly. The rates quoted below are for a term of nine weeks, eighteen lessons. For one lesson a week half the regular rate is charged, with the exception of the kindergarten course, which is five dollars.

PIANO.

Kindergarten or primary grade course	$8 00
Juvenile course	9 00
Secondary course, preparatory grades	13 50
Secondary course, intermediate grades	15 00
Advanced course	18 00
Preparatory grades, first year, for adults, with assistants,	9 00

VOICE CULTURE.

Secondary course, preparatory grades	$13 50
Secondary course, intermediate grades	15 00
Advanced course	18 00

VIOLIN.

Juvenile course	$9 00
Secondary course, preparatory grades	13 50
Secondary course, intermediate grades	15 00
Advanced course	18 00

MANDOLIN, GUITAR AND BAND INSTRUMENTS.

Band and orchestral instruments	$13 50
Mandolin and guitar	10 00

THEORY AND HISTORY OF MUSIC.

In the courses in theory and history of music there are ten weeks to a term. The rates given below are for a term of ten weeks.

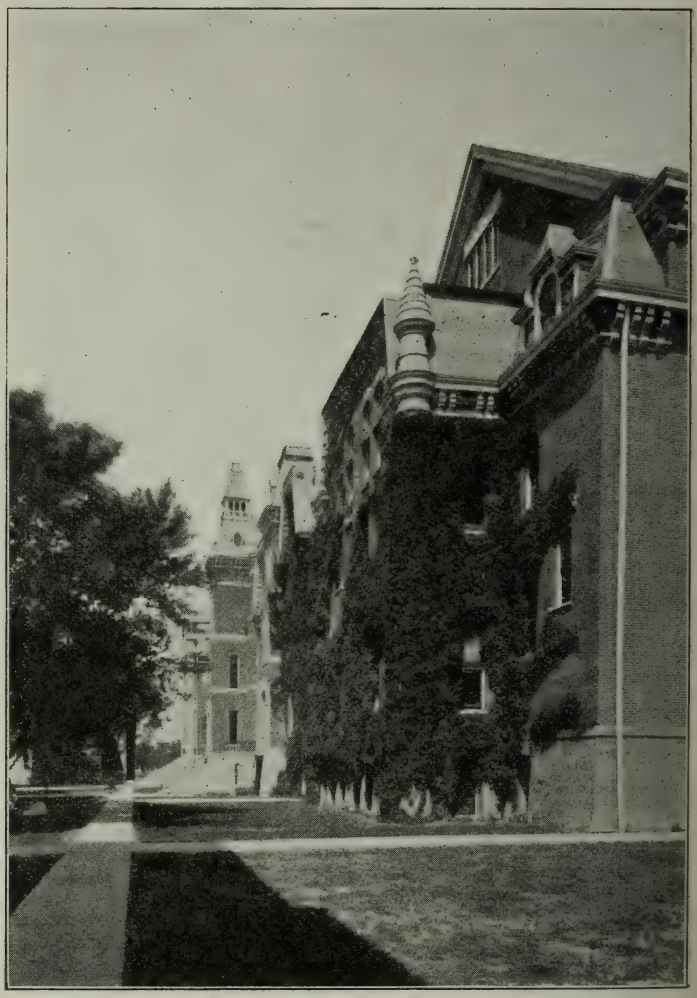
Harmony, in class	$5 00
History of music, in class	5 00
Counterpoint, in class	10 00
Fugue and instrumentation, in class, each	10 00
Private lessons in any of the above courses	15 00

Courses in ensemble playing and singing and musical analysis free.

PIANOS AND PRACTICE CLAVIERS.

One hour a day, for a term of ten weeks	$1 80

Two or more hours at the same rate per hour.



MAIN BUILDING, EAST END.

Students.

(205)

Graduates.

Four-year College Course.

Candidates for Graduation in June.

Anderson, Lawrence B.,
Alma.

Bird, J. S.,
Hays City.

Cash, Annie M.,
Emporia.

Dwelle, Horatio S.,
Chanute.

Gebhardt, Floy May,
Alden.

Hanna, H. J.,
Waverly.

Hollingsworth, Harry M.,
Emporia.

Howell, Grace Elizabeth,
Emporia.

Kent, Harry L.,
Manhattan.

Kirby, Clara E.,
Wa Keeney.

Larson, John Albert,
Chanute.

Lunden, Mina,
Salina.

Meyer, Fred W.,
Linn.

Miller, Sidney L.,
Cimarron.

Mitchum, Lillian D.,
Atchison.

Parker, Cora,
Emporia.

Rosendale, Christena,
New York City, N. Y.

Snyder, Anna,
Emporia.

Snyder, Georgia Elizabeth,
Abilene.

Tilford, Claude E.,
Emporia.

Warren, William Hohn,
Garnett.

Williams, Muriel Ella,
Emporia.

Candidates for Graduation in August.

Barnes, Elias Bowen,
Emporia.

Doty, Katherine Ellen,
Emporia.

Douglas, Aubrey,
Emporia.

Franzen J. H.,
Goessel.

Funk, Peter C.,
Hillsboro.

Hensley, George L.,
Madison.

Harris, Ethel Elsie,
Emporia.

Jent, H. C.,
Hoxie.

Moss, Mrs. Cornelia,
Emporia.

Two-year College Course.

Candidates for Graduation in June.

Albers, Lulu E. C.,
La Crosse.

Allen, James Garfield,
Hewins.

Anderson, Helen Margaret,
Emporia.

Baltz, Guy,
Attica.

Barnhill, Jessie Pearl,
Kirghley.

Barry, Harry W.,
Meriden.

Beecher, Mary M.,
Americus.

Binyon, Christopher Weber,
Emporia.

Bostwick, Grace F.,
Iola.

Bradley, Grace,
Norcatur.

GRADUATES—*continued.*

Briner, Lucile M.,
Olathe.

Brittain, Effie,
White City.

Brittain, Emma,
White City.

Butcher, Jennie,
Cimarron.

Carroll, Mary Helen,
Emporia.

Clay, Altha,
Oskaloosa.

Cleavinger, Roy,
Lowemont.

Cloud, Calvin C.,
Admire.

Coleman, Eunice Ella,
Emporia.

Cook, Gracia,
Parsons.

Cook, Harriet B.,
Emporia.

Crippen, Vera,
Parsons.

Culbertson, James, H.,
Hepler.

Culley, Elmer E.,
Chanute.

Curry, Bessie,
Strawn.

Dodge, Alice,
Emporia.

Dore, Lucille,
Waverly.

Dwelle, Alice Louise,
Cedar Point.

Edie, Pearl,
Plymouth.

Emerson, Susan B.,
Topeka.

Facklan, Amanda,
Enterprise.

Fagan, Theresa,
Reading.

Felker, Preston R.,
Hoyt.

Finn, John M.,
Paola.

Flear, Thomas H.,
Greenleaf.

Foland, Mabelle,
Almena.

Freeman, Loura L.,
Simpson.

Fulton, E. Bernice,
Winchester.

Fyler, Eleanor R.,
La Crosse.

Gardner, Fred C.,
Easton.

Garrett, Katherine,
Neodesha.

George, Martha,
Emporia.

Gleissner, Helen,
Abilene.

Greenawalt, Mary F.,
Princeton.

Hann, Nellie Gretta,
Admire.

Hay, William S.,
Eskridge.

Hearst, William Francis,
Parsons.

Heikes, Mabel,
Norton.

Heim, Elizabeth,
Dorrance.

Hendrickson, Mabel,
Chanute.

Hendrix, S. D.,
Brownell.

Henkins, Ethel,
Burlington.

Henthorn, Hattie,
Santa Fe.

Hill, Charles Willard,
Smith Center.

Hills, Nella E.,
Esbon.

Hodges, Clara F.,
Ottawa.

Houston, Mary Ona,
Potwin.

Huffman, Hazel Verna,
Emporia.

Hutcherson, Rosa A.,
Arnold.

Kernen, Ida M.,
Chanute.

Kinkead, Mabel Amanda,
Emporia.

Kinsey, Jennie,
Kingman.

Klamm, Rose,
Basehor.

Krigbaum, Olive,
Topeka.

Larson, Emil Leonard,
Chanute.

Lesh, Ruth Ann,
Arkansas City.

Look, Lucile,
Stockton.

Losey, Leslie Earl,
Clay Center.

GRADUATES—*continued.*

Lovett, Clara Ione,
Larned.

McCoy, Mrs. J. P.,
Wamego.

Marlowe, Charles C.,
Hartford.

Mayes, John Frederick,
Emporia.

Miller, Frances,
Horton.

Mitchell, Florence M.,
Vernon.

Moody, Zoe,
Topeka.

Moore, Ida O.,

Morgan, Anna May,
Hiawatha.

Nelson, M. V. B.,
Tully.

Nicolay, Mary Amanda,
Scranton.

Oakes, Nelson,
Peru.

Owens, Mildred,
Topeka.

Peek, Hugh E.,
Seneca.

Perry, Bird,
Caldwell.

Pfaff, Margaret,
Hazelton.

Peckens, Florence L.,
Pittsburg.

Reardon, Mae,
Tonganoxie.

Rector, Eva Gertrude,
Emporia.

Reese, Paul W.,
Garnett.

Rennolds, Closson Elansen,
Aliceville.

Robb, Carrie,
Osborne.

Robb, Edgar M.,
Osborne.

Roberts, Lewis Beckford,
Emporia.

Robertson, Raymond Wilks,
Emporia.

Rugg, Beatrice,
Hazelton.

Schermann, Mary T.,
Neodesha.

Seaman, Howard,
Axtell.

Shaw, Wayne F.,
Grenola.

Shearer, Ada L.,
Emporia.

Shinn, Earl W.,
Burns.

Sinclair, Crawford C.,
Topeka.

Smith, Ellen,
Iola.

Somers, Mae,
Altoona.

Sumners, Alpha,
Leonardville.

Taylor, Francis L.,
Topeka.

Throckmorton, Alice,
Burlington.

Waldron, J. Harley,
Louisburg.

Wedell, Emilie,
Hillsboro.

Wedell, Hugo T.,
Hillsboro.

Weishaar, Ella Helena,
Nortonville.

Welton, N. S.,
Rantoul.

Widner, Guy L.,
Bradford.

Wooster, David T.,
Emporia.

Candidates for Graduation in August.

Arbuthnot, Mary C.,
Belleville.

Asher, Frances Elsie,
Fort Scott.

Bailey, Aletha Alice,
Great Bend.

Blakely, Georgiana,
Emporia.

Blakely, Myrtle E.,
Emporia.

Bowers, D. W.,
Centropolis.

Collinsworth, Grover C.,
Potwin.

Combs, Paul H.,
Cherryvale.

Gallagher, Edith,
Sparks.

Gray, Mabel I.,
Washington.

—14

GRADUATES—*continued.*

Gregory, E. Z.,
Emporia.

Griffith, Leah,
Pratt.

Harris, Nelle,
Oak Valley.

Heagy, Edna M.,
Peabody.

Hepworth, George Clayton,
Burlingame.

Herod, Len B.,
Erie.

Jones, Jason W.,
Emporia.

Kjellin, Mrs. Anna K.,
Emporia.

Lockhart, Harriet E.,
Sabetha.

McCullough, Bobbie,
Emporia.

McDowell, James Daniel,
Emporia.

McLaughlin, Marguerite A.,
Centralia.

Mauck, Mildred J.,
Nelson, Neb.

Miller, Nora E.,
Hazelton.

Neece, Lloyd Bernard,
Wetmore.

Nelson, Gladys,
Caney.

New, George Raymond,
Emporia.

Officer, M. Ruth,
Emporia.

Ogg, Esther E.,
Emporia.

Smiley, Pearl,
Silver Lake.

Wells, Ernest W.,
Woodston.

Whitehouse, Maude E.,
Eskridge.

Kindergarten Course.

Candidate for Graduation in June.

Johnson, Gladys,
Waverly.

Graduates.

SECONDARY SCHOOL.

Anderson, Katherine T.,
Alma.

Appel, Mary E.,
Perth.

Austenfeld, Bertha E.,
Emporia.

Baustian, Henry F.,
Lucas.

Beecher, Tommy,
Americus.

Berneking, Lydia,
Simpson.

Bleam, Louise E.,
Osborne.

Bollin, John J.,
Leavenworth.

Borror, John Harrison,
Westphalia.

Bowers, Fred,
Emporia.

Brandenburg, Georgia,
Bushong.

Brewer, Josephine L.,
Riley.

Burkhead, Carl R.,
Centerville.

Calloway, Arthur,
Douglass.

Carl, Cecil Gray,
Imperial.

Carl, Ethel May,
Imperial.

Carl, Plumb D.,
Imperial.

Cox, Kenneth Keith,
Rose.

Crawford, Carlos Clinton,
Russell.

Cross, Claude Brownley,
Emporia.

Deane, Leah Catherine,
Kansas City, Mo.

Dwelle, Ruth W.,
Cedar Point.

Edgington, Bessie R.
Burlingame.

Edgington, Louise M.,
Burlingame.

Ellison, Reba,
Jefferson.

Fishback, Orville J.,
Emporia.

GRADUATES—*continued.*

Foster, Cornelius,
Kincaid.

Friend, Mary Etta,
Emporia.

Geelan, Norah,
Lecompton.

Gfeller, Alice Louise,
Burns.

Hall, Nellie E.,
Emporia.

Hall, Thomas N.,
Emporia.

Henderson, Margaret,
Eskridge.

Hime, F. R.,
Centerville.

Holmes, Morton H.
Waverly.

Holmes, Vera,
Emporia.

Holton, Ethel Elaine,
Miltonvale.

Hudson, Jewel,
Rogers, Ark.

Hughes, Arthur O.,
Emporia.

Jones, Iva Pearl,
Emporia.

Kersey, Merlin,
Mulvane.

Latshaw, Estella Viola,
Pratt.

Lewis, Edna Chaney,
Emporia.

Lewis, Frances,
Emporia.

Lock, Faye,
Emporia.

Lichlyter, Lolo May,
Sharon.

McCarty, J. F.,
Parker.

McIntosh, Benjamin Harrison,
Lost Springs.

Mauck, Mrs. Meda,
Emporia.

Moberly, Lena,
Pomona.

Moyer, Bertha M.,
Quenemo.

Murphy, Andrew H.,
Latham.

Myers, O. H. P.,
Emporia.

Nicholson, Pearl T.,
Holton.

Norlin, Nelle M.,
McCracken.

Parker, Grace,
Eureka.

Peterson, Henry B.,
Scandia.

Porter, Alma V.,
Okmulgee, Okla.

Sage, Lillian,
Richland.

Sandusky, Inez Lavaria,
Wichita.

Scott, Ira,
Thayer.

Slough, Glen Samuel,
Quincy.

Snodgrass, Maude A.,
Grenola.

Stark, W. O.,
Elk City.

Steel, Robert J.,
New Market, Iowa.

Switzer, Ethel Gladys,
Emporia.

Thompson, Addie May,
Moran.

Van Campen, Harry E.,
Linn.

Wallace, John W.,
Waverly.

Wemmer, Lois Kathryn,
Princeton.

Music.

DIPLOMA COURSE.

Piano.

Beck, Rena,
Cedar Point.

Coleman, Madeline,
Emporia.

Dahmer, Bernice,
Jasper.

Dowden, Edith,
Emporia.

Ervin, Mrs. Estella,
Emporia.

Fessenden, Madge,
Emporia.

Guettel, Marian,
Emporia.

Jones, Martha,
Emporia.

Lock, Lora,
Emporia.

Williams, Maude,
White City.

GRADUATES—*concluded.*

Voice.

Ireland, Ernest, Emporia.

Violin.

Gower, Francis, Russell.

McCrory, Maurice, Emporia.

CERTIFICATE COURSE.

Piano.

Biggs, Eula, Potwin.

Campbell, Edna, Ogden.

Chase, Mary, Emporia.

Cole, Mabel, Emporia.

Ecord, Olive, Garnett.

Fox, Hazel, Larned.

Jones, Grace, Quincy.

Kidd, Anna, Council Grove.

Newbry, Lillie, Emporia.

Shaver, Ola, Hutchinson.

Stein, Harriet, Garnett.

Tucker, Eulalia, Emporia.

Van Pelt, Lucy, Blue Mound.

Voice.

Fay, Agnes, Atchison.

Dahmer, Bernice, Jasper.

Dwelle, Alice, Cedar Point.

Sexton, Vesta, Abilene.

Strawman, Ethel, Emporia.

Richards, Fay, Emporia.

Violin.

Carpenter, Ina, ———.

Williams, Cappy, Emporia.

Public-school Music.

Anderson, Helen, Emporia.

Beecher, Mary, Americus.

Blakeley, Georgiana, Emporia.

Blakeley, Myrtle, Emporia.

Cook, Harriet, Emporia.

Fay, Agnes, Atchison.

Fitzpatrick, Maude, Emporia.

Kernen, Ida M., Chanute.

Owens, Gertrude, Topeka.

Rector, Eva G., Emporia.

Strawman, Ethel, Emporia.

Williams, John, Emporia.

Candidates for Graduation in August.

Benson, Mrs. Hattie, Concordia.

Brann, Inez, Lincoln.

Chilson, Mary, Marion.

Dwelle, Alice, Cedar Point.

McLaughlin, Marguerite, Centralia.

Rice, Myrtle, Marion.

Undergraduates.

NOTE.—In parentheses at the right of the names, abbreviations show classifications as follows: N-1, first-year Secondary; N-2, second-year Secondary; N-3, third-year Secondary; N-4, fourth-year Secondary; C-1, first-year College; C-2, second-year College; C-4, fourth-year College; 1, Training School; 2, Kindergarten; 3, Kindergarten Training; 4, Musie; 5, Irregular; 6, Library; 7, Commercial; 8, In Absentia; 9, Special Gymnasium; 10, Household Science; 11, Household Art.

Acheson, Lucina, (2).
Emporia.

Adam, Edna, (4).
Dunlap.

Adam, Robert, (4).
Dunlap.

Adams, Agnes Louise, (N-1).
Langdon.

Adams, Dollie, (N-3).
La Harpe.

Adams, Juniata, (C-1).
El Dorado.

Adams, Minnie, (N-3).
Bronson.

Adamson, Charles R., (C-3).
Erie.

Adamson, Libbie, (C-1).
Nelson, Neb.

Adamson, Nellie D., (C-1, 4).
Erie.

Agrelius, Claire, (1).
Emporia.

Agrelius, Kenneth, (1, 4).
Emporia.

Alexander, Blanche, (N-1).
Garnett.

Alexander, Myrtle M., (C-1).
Council Grove.

Alexander, Roger, (C-1).
Emporia.

Allen, Adah Elizabeth, (C-1).
Neodesha.

Allen, Anna B., (N-1a).
Williamstown.

Allen, Chas., (1).
Emporia.

Allen, Chas. H., (N-L).
Portis.

Allen, Earl S., (N-1).
Wilsey.

Allen, George A., (C-2, 4).
Erie.

Allen, Hayward Chas., (N-1).
Emporia.

Allen, Lillian, (N-2, 4).
Emporia.

Allen, Lucile, (N-3).
Montrose.

Allen, Robert, (1).
Emporia.

Allen, Ruth Virginia, (C-1).
Neodesha.

Allm, Marvel Gertrude, (L).
Emporia.

Allison, Lola E., (C-1).
Muscotah.

Alsop, Inez, (C-1).
Wakefield.

Altus, Bertha, (N-1).
Emporia.

Alvord, Alice, (1).
Emporia.

Alvord, Ilda, (1).
Emporia.

Alvord, Leslie, (4).
Emporia.

Ambrose, Vida E., (N-4a).
Blue Rapids.

Amlong, Orral, (N-1).
Latham.

Amphlett, Anna L., (N-1).
Neodesha.

Anderson, Bertie, (C-1).
Howard.

Anderson, Carl, (1).
Emporia.

Anderson, Clarence, (N-1).
Plevna.

Anderson, Edgar, (N-1).
Jetmore.

Anderson, George, (N-1).
Emporia.

Anderson, Harold, (2).
Emporia.

Anderson, Lois, (N-1).
Plevna.

Anderson, Mabel, (N-3).
Council Grove.

Anderson, Mary, (C-L).
Alma.

Anderson, Nannie, (N-3).
Bronson.

UNDERGRADUATES—*continued.*

Andrews, Donald, (1).
Emporia.

Andrews, Edna E., (N-1a).
Emporia.

Andrews, Julia, (1).
Emporia.

Armas, Rufino, (N-1).
Emporia.

Armstrong, Earle, (1).
Emporia.

Armstrong, Evelyn, (4).
Emporia.

Armstead, Lucile, (N-2).
Emporia.

Armstrong, Eva M., (N-2).
Wathena.

Arnold, Cora E., (N-4).
Burlington.

Arrington, Florence, (C-1).
Muskogee, Okla.

Ashenfelter, Laverne, (C-1).
Burns.

Ashley, Maude, (N-3).
Sabetha.

Aspley, Marie, (N-1).
Abilene.

Atherly, Flora (N-1).
Hartford.

Atherton, Sarah A., (9).
Emporia.

Attkisson, Esther, (N-1).
Hepler.

Attkisson, Mae, (N-3).
Hepler.

Austenfeld, Mary B., (N-1).
Emporia.

Austenfeld, Stephen, (N-1).
Emporia.

Austin, Glenn, (N-1).
Emporia.

Austin, Julia Mary, (N-3).
Emporia.

Austin, Senica, (1).
Emporia.

Avery, Chas. D., (4).
Emporia.

Babcock, C. H., (N-1).
Walnut.

Babcock, Ruth R. M., (C-1).
Nortonville.

Bailey, Anna, (C-2).
Peabody.

Bailey, Irene, (N-1).
Utopia.

Baird, Grace, (C-1).
Deerfield.

Baird, Harry, (1).
Emporia.

Baird, Joseph S., (C-3).
Edgerton.

Baker, Anna Florence, (C-3).
Topeka.

Baker, Ella, (C-1).
Meade.

Baker, Gertrude, (N-4).
Thayer.

Baker, Mary E., (N-2).
Princeton.

Baldwin, Lucy Lorette, (C-1).
Neodesha.

Balmer, Marie, (1).
Emporia.

Baltz, Florence, (C-1).
Attica.

Baltzer, Benjamine, (C-3, 4).
Hillsboro.

Baptist, Eleanor, (C-3, 4).
Emporia.

Baptist, Joseph Vernon, (N-2).
Emporia.

Baptist, Leona, (N-1).
Emporia.

Baptist, Myrna, (1, 4).
Emporia.

Barber, Edith, (N-2a).
Atchison.

Barber, Louise, (N-1).
Atchison.

Barbre, Adelaide, (C-1).
Hartford.

Bare, Glen, (N-1).
Ottawa.

Bare, Lillian E., (N-3).
Ottawa.

Bare, Lloyd, (N-1).
Ottawa.

Barker, Edith Corol, (N-3).
La Fayette.

Barker, Maude Irene, (N-4).
Toronto.

Barnes, Antoinette, (C-1, 4).
Cleburne, Tex.

Barnes, Cyrus C., (N-3).
Emporia.

Barnes, Olive M., (C-1).
Nelson, Neb.

Barnhill, Ethel V., (3).
Nordin, Okla.

Barr, Charles F., (N-1).
Emporia.

Barr, Erna, (C-1, 4).
Diamond Springs.

Barr, Ola Lenore, (N-1).
Emporia.

Barrier, Laura, (1).
Emporia.

UNDERGRADUATES—*continued.*

Barrington, Lester, (1).
Emporia.

Barrington, Marden, (2).
Emporia.

Barrington, Percival, (1).
Emporia.

Barrows, Alice, (N-4, 4).
Burrton.

Barry, Katherine, (C-1).
Carbondale.

Barthel, Ursula, (C-1, 4).
Emporia.

Bartlett, Jessie Vail, (C-1).
Topeka.

Bartlett, Paul A., (5).
Portis.

Bartsch, Paul Wilhelm, (N-4).
Newton.

Batchelor, Nelle, (C-2).
Salina.

Bauder, Mary, (C-1).
Phillips, Neb.

Baugh, Clarence, (C-1).
Emporia.

Baugh, Clarice, (N-1).
Emporia.

Baugh, Ethel A., (N-3a).
Emporia.

Baugh, Lillian M., (N-2).
Emporia.

Bayless, Iva J., (C-1).
Iola.

Baysinger, Edith, (1).
Emporia.

Bealmear, Sadie, (N-3, 4).
Dodge City.

Beck, Anna Marie, (C-2).
St. John.

Becker, Abbie, (N-1).
Fairview.

Becker, Mary, (C-3).
Logan.

Becker, Paul, (N-3).
Emporia.

Beckman, Mrs. F. H., (C-1).
Emporia.

Beebe, Georgia A., (C-1).
Burns.

Beeching, Mabel, (C-3).
Otis.

Beel, Everett, (1).
Emporia.

Bell, Charles, (C-1).
Kinsley.

Bell, Tibbie, (C-1).
Atchison.

Bement, Emma (N-2).
Winfield.

Bement, Mary E., (C-1).
Winfield.

Bennett, Lydia, (N-3).
Gypsum.

Benson, Nellie, (1).
Emporia.

Bentley, Rosalia, (C-1, 4).
Collinsville, Okla.

Bentley, Ruth, (N-2a).
Ozawkie.

Berg, Carrie K., (N-3).
Meriden.

Berrier, Mildred, (C-3).
Emporia.

Berry, James, (N-4).
Gognac.

Berry, Myrtle V., (C-1).
Emporia.

Best, Ethel Emma, (N-2).
Admire.

Betts, Lula, (C-1).
Norcatur.

Betz, Geo. J., (N-1).
Asherville.

Betz, Inza, (C-1).
Asherville.

Betz, Neva, (C-1).
Asherville.

Bibler, Elsie, (C-1).
Florence.

Bibler, Ethel, (C-1).
Florence.

Bibler, Jeanette, (C-1).
Florence.

Birckett, Mildred, (1).
Emporia.

Bishop, Charlie, (1).
Emporia.

Bishop, Iva Rose, (C-1, 4).
Haven.

Bishop, Marion E., (N-3a).
Emporia.

Bishop, Vera, (N-1).
Emporia.

Bivins, M. F., (N-2a).
New Albany.

Bixby, Bessie, (C-1).
Osawatomie.

Black, Georgia, (N-4).
El Dorado.

Black, G. H., (4).
Emporia.

Black, Gertrude A., (N-2).
Baldwin.

Blackburn, Ida, (N-1).
Emporia.

Blackmer, Nellie E., (C-2).
Scott City.

UNDERGRADUATES—*continued.*

Blackwood, Lena, (C-1).
Idana.

Blackwood, Minnie, (N-2).
Emporia.

Blackwood, Rena, (C-1).
Idana.

Blackwood, W. I., (N-2).
New Plymouth, Ohio.

Blair, Marguerite, (C-1).
Wamego.

Blaisdell, Edith, (C-2).
Paola.

Blank, Karl E., (N-1).
Emporia.

Boerner, Edna, (C-1).
Colby.

Boller, Adeline, (N-2a).
Newton.

Bond, Mabel J., (C-2).
Emporia.

Bond, Opal, (N-2).
Emporia.

Bondy, Rosamond, (C-1, 4).
Bogue.

Booker, Guy, (C-1).
Emporia.

Booker, Hazel, (N-1).
Emporia.

Boone, Mrs. A. R., (N-3).
Emporia.

Bordenkircher, Caecelia, (C-1).
Burlington.

Bordenkircher, Rose, (C-2).
Burlington.

Borror, Nora A., (N-1).
Westphalia.

Bottomly, Gene, (N-4).
Cedar.

Bottomly, Victor, (C-3).
Cedar.

Bottorf, Frank, (C-1).
Jewell.

Bowman, Melvin E., (N-1).
Benedict.

Bracken, Zelda, (N-1a).
Independence.

Bradfield, Roy, (C-1).
Attica.

Bradshaw, Clara, (N-3).
Altoona.

Bradshaw, Mattie, (N-1).
Topeka.

Brandt, Myrtle, (N-2, 4).
Morland.

Branscom, Guy L., (N-1).
Emporia.

Branscom, Mae, (N-1).
Emporia.

Breed, Lucy A., (C-1).
Emporia.

Breed, Thedor, (1).
Emporia.

Breiner, Ethel L., (C-2).
Olathe.

Breneman, Amos, (C-1).
Emporia.

Breneman, Ethel, (N-1a).
Hoyt.

Breneman, Theda, (C-1).
Emporia.

Brent, Isabelle,
Leon.

Brewster, Ava, (N-3).
Thayer.

Brewster, Grace, (N-1).
Thayer.

Briggs, Ethel, (N-1).
Admire.

Briggs, Esther, (N-1a).
Sedan.

Briggs, Lulu, (N-a).
Sedan.

Briley, Carl, (N-1).
Chanute.

Briley, Harry, (N-1).
Chanute.

Brim, Lydia, (N-1a).
Emporia.

Brinkman, Justina, (N-1).
Olpe.

Brinkman, Mary, (N-4).
Americus.

Brooks, Alice, (N-1a).
Gridley.

Brooks, Beatrice, (N-1).
Gridley.

Brooks, Ethel, (C-4).
Emporia.

Brooks, Hamilton, (N-3).
Emporia.

Brooks, Harry, (1).
Emporia.

Brooks, Nina, (N-1).
Gridley.

Brooks, Theodore, (1).
Emporia.

Brown, Alfred A., (C-1).
Clay Center.

Brown, Allan, (1).
Emporia.

Brown, Bertha, (N-3).
Emporia.

Brown, Daisy, (C-1).
Topeka.

Brown, Elizabeth, (C-L).
Muskogee, Okla.

UNDERGRADUATES—*continued.*

Brown, Elizabeth, (1).
Emporia.

Brown, Ethel, (N-1).
Nickerson.

Brown, Frank A., (C-1).
Reading.

Brown, Florence, (N-1a).
Healy.

Brown, Harry H., (N-3a).
Piqua.

Brown, Lula, (N-1).
Parkerville.

Brown, Sara, (C-1).
Caldwell.

Brown, Sibyl, (1, 4).
Emporia.

Brownrigg, Belle, (N-3, 4).
Mont Ida.

Bryan, Dessie, (N-1).
Emporia.

Bryan, Frank, (1).
Emporia.

Bryant, Birdie, (N-3).
Neosho Falls.

Bryant, Dora, (C-1, 4).
Emporia.

Bryant, Lodema, (C-1).
Neosho Falls.

Buchman, J. D., (N-1).
Council Grove.

Buck, Andrew, (N-3).
Shaw.

Buck, Luther J., (N-3).
Emporia.

Buck, Myrtle, (N-1a).
Shaw.

Buckley, Ada, (N-1).
White City.

Buckley, Pearl, (4).
Emporia.

Bullock, Blanche, (N-3).
Neosho Rapids.

Bullock, Lulu, (C-1).
Glasco.

Bunker, Laura L., (C-1).
Holton.

Burbridge, Clarence, (N-4).
Gardner.

Burdge, W. R., (N-1a).
Chanute.

Burlingame, Enid G., (N-1a).
Muskogee, Okla.

Burnap, Mary, (2).
Emporia.

Burnette, Sue, (N-3).
Anthony.

Burns, Ethel, (4).
Lebo.

Burri, Minnie, (N-1).
Dunlap.

Burton, Mrs. J. S., (5).
Emporia.

Butin, Leila, (3).
Fredonia.

Butler, Wm. W., (C-2).
Everest.

Byrnes, Benj. H., (C-3).
Emporia.

Byrnes, John S., (C-1).
Emporia.

Byrnes, Louise, (1).
Emporia.

Byrnes, Mary Katherine, (1).
Emporia.

Cadwallader, Grace, (5).
Hartford.

Caesar, Necola J., (N-4).
Shawnee, Okla.

Calahan, Amanda, (N-1a).
Fontana.

Calkins, Ray, (N-1).
Olivet.

Call, Merritt, (2).
Emporia.

Calvert, Maude, (N-1).
Lebo.

Camblin, Emmerson, (C-2).
Sparks.

Cameron, Sarah E., (N-1).
Junction City.

Campbell, Edith, (N-4, 4).
Mulvane.

Campbell, Lester E., (N-1).
Piedmont.

Campbell, Robert, (N-1).
Council Grove.

Cann, Mamie, (C-1).
Overbrook.

Cannady, Jennie, (C-3).
Emporia.

Capper, Charlotte, (C-1).
Erie.

Carey, Lloyd, (N-3).
Reading.

Carothers, June G., (C-1).
Hiawatha.

Carp, Bessie, (N-1).
Wichita.

Carpenter, Clifford, (N-2a).
Paola.

Carpenter, Ina, (4).
Council Grove.

Carr, Clifford, (2).
Emporia.

Carr, Emily, (N-1).
Emporia.

UNDERGRADUATES—*continued.*

Carr, J. M., (N-1a).
Emporia.

Carr, Sylvia, (N-1a).
Emporia.

Carroll, Anna, (1).
Emporia.

Carroll, Clarice, (1).
Emporia.

Carroll, Jessamine, (1).
Emporia.

Carroll, Katherine, (N-3).
Glasco.

Carroll, Lelia, (N-1a).
Fredonia.

Carroll, Neva, (N-1).
Fredonia.

Carruthers, Elizabeth, (C-1).
Olathe.

Carruthers, Mary, (N-1a).
Ava, Ill.

Carson, Bert, (1).
Emporia.

Carson, Roy M., (N-1a).
Ashton.

Carson, Terrence, (C-1).
Ashton.

Carter, Chas. C., (C-1).
Joplin, Mo.

Carter, Curtis, (1).
Emporia.

Carter, Eva, (N-1).
Eskridge.

Carter, Herman, (1).
Emporia.

Carter, Mayme, (N-2a).
Eskridge.

Carter, Mary, (N-2).
Minneola.

Carter, Zula, (1, 4).
Emporia.

Cartmel, Alma, (1).
Walnut.

Cartmel, Mrs. Nettie B., (N-3).
Walnut.

Carver, Fay, (1).
Emporia.

Cary, Walter H., (C-2).
Miltonvale.

Cates, Dessie, (N-2).
Winfield.

Cates, Quinta, (N-2).
Winfield.

Chambers, Bessie H., (N-4).
Milford.

Champe, Nellie, (N-3).
Greeley.

Chandler, Florence, (N-1).
Olpe.

Chandler, Roscoe, (N-3a).
Colony.

Charlsen, Clara, (C-1).
Newton.

Chatterton, J. L., (C-2).
Burns.

Chauncey, Marlin, (C-1).
Douglass.

Childers, Edna, (3).
Wamego.

Chillson, Etta, (N-3).
Alma.

Christensen, Anna, (N-1, 4).
Americus.

Christensen, Elnora, (N-1).
Emporia.

Christensen, Ethel, (N-2).
Emporia.

Christensen, Goldie, (1).
Emporia.

Cicotte, Mabel V., (C-1).
Lansing.

Clark, Doris, (N-1, 4).
Sawyer.

Clark, Lois, (N-1, 4).
Sawyer.

Clark, Lucile, (N-1).
Wichita.

Clark, Mae, (1).
Council Grove.

Clarke, Walter, (1).
Emporia.

Clark, Perle, (N-3a).
Linn.

Clarke, Mary Shannon, (C-1).
Clay Center.

Clay, Elsie G., (C-1).
Oskaloosa.

Clay, Fleming, (1).
Emporia.

Cleland, Alice, (5).
Emporia.

Cleland, Anna, (1).
Emporia.

Cleland, Esther, (N-1).
Emporia.

Cleland, Geo., (N-1).
Hiattville.

Clem, Alice, (C-1).
Cimarron.

Clements, Cecile, (N-1).
Emporia.

Clements, Edna May, (1).
Emporia.

Clements, Floyd, (N-3a).
Chanute.

Clements, James, (1).
Emporia.

UNDERGRADUATES—*continued.*

Clow, Ray, (N-1).
Emporia.

Clow, Richard W., (N-1).
Emporia.

Cobb, Dee, (C-1).
Herington.

Cochran, Wilma, (C-1).
Lakin.

Coen, Effie, (C-1).
Holton.

Coe, Clarence, (1).
Emporia.

Coe, Laura, (1).
Emporia.

Coe, Ruth, (1).
Emporia.

Coffman, Harold Coe, (C-3).
Emporia.

Cole, Bessie, (N-3).
Robinson.

Cole, Edith, (C-1).
Topeka.

Cole, Harry Julius, (N-1).
Emporia.

Cole, Hazel, (C-1).
Wichita.

Cole, Richard, (N-3a).
Emporia.

Colegrove, Ralph, (N-4a).
Girard.

Coleman, Aaron, (C-1).
Castleton.

Coleman, Mrs. Bessie, (5).
Alma.

Coleman, Chas. Edward, (1).
Emporia.

Coleman, Cora E., (C-2).
Emporia.

Coleman, Edna, (N-1).
Emporia.

Coleman, J. Sidney, (C-1).
Emporia.

Collier, Margaret, (N-3a).
Marion.

Collins, Lucile, (1, 4).
Emporia.

Collins, Mary (C-1).
Belleville.

Colwell, Myrtle M., (N-3a).
Emporia.

Conaway, Pearl, (N-3, 4).
Dodge City.

Concannon, Anna I., (N-1).
Emporia.

Concannon, Mabel, (1).
Emporia.

Concannon, Thomas, (1).
Emporia.

Conley, Minnie, (C-1).
Long Island.

Conner, Fern, (C-1).
Emporia.

Connoley, Minnie, (N-3).
El Reno, Okla.

Cook, Alvia, (1).
Emporia.

Cook, Frances, (1).
Emporia.

Cook, Mary Jane, (2, 5).
Emporia.

Cooper, Charlotte, (N-3).
Osawatomie.

Cooper, Paul, (C-1).
Emporia.

Cooper, Robert, (N-3).
Emporia.

Copeland, Esther Lucile, (C-1).
Iola.

Corder, Aetna, (C-1).
Powhattan.

Corhn, Amanda B., (C-2).
Ardmore, Okla.

Corn, Laura E., (C-2).
Humboldt.

Corney, Metta, (C-1).
Westphalia.

Cornick, Alice, (C-3).
Anthony.

Cornick, Anna Laura, (C-3, 4).
Anthony.

Cosand, George S., (N-3).
Cuba.

Cotton, George, (1).
Emporia.

Cotton, Ina Mildred, (N-4).
Emporia.

Coupe, Margaret, (C-1).
Effingham.

Coursen, Myrtle, (C-1).
Overbrook.

Courtright, Marie, (5).
Emporia.

Covert, Blanche, (C-1).
Emporia.

Covert, Dorothy, (2).
Emporia.

Covert, Frances, (2).
Emporia.

Covert, Mary, (2).
Emporia.

Covert, Paul, (C-3).
Emporia.

Covert, Timmon, (C-3).
Emporia.

Cowen, Alvia, (1).
Emporia.

UNDERGRADUATES—*continued.*

Cox, Charlotte, (4).
Emporia.

Cox, Emma, (C-1).
Burlingame.

Cox, Eugene, (2).
Emporia.

Cox, Mabel, (N-1).
Emporia.

Crabb, Harveu A., (N-3).
Dover.

Craig, Hugh V., (N-1).
Emporia.

Craig, Loraine, (1).
Emporia.

Crandall, Gertrude M., (C-3).
Clay Center.

Crawford, James, (7).
Emporia.

Crawford, Vivian, (C-1).
Stafford.

Creevan, Hazel, (1).
Emporia.

Creveling, Catherine, (N-3).
Quenemo.

Cross, A. L., (C-3).
Neosho Falls.

Cross, Clarence L., (N-2).
Emporia.

Cross, Maude L., (C-2).
Emporia.

Crosswhite, W. T., (N-4).
Parker.

Crouch, Hazel, (N-1).
Garnett.

Crumb, Clyde B., (C-3).
Burlingame.

Culbertson, Eleanor, (2).
Emporia.

Culbertson, Keith, (N-1).
Hepler.

Cullison, Lenore, (4).
Howard.

Culter, Clyde, (C-1).
Emporia.

Curtis, Ruby M., (C-1).
Osage City.

Czapanskiy, Lucy A., (N-3, 4).
Aurora.

Dahlsten, Edla, (N-1a).
Fremont.

Daily, Inez A., (N-2).
Emporia.

Dakon, Estella, (N-1).
Emporia.

Daniel, Nora, (C-2).
Emporia.

Darrough, Abbie, (C-3).
Emporia.

Darrough, Edith Goldie, (C-2).
Emporia.

Davenport, Walter A., (5, 4).
Ottawa.

Davidson, Howard, (N-3, 4).
Williamsburg.

Davidson, Mrs. Pearl, (C-1).
Hope.

Davis, Carrie, (N-4).
Emporia.

Davis, C. D., (C-1).
Kanopolis.

Davis, Chester, (1).
Emporia.

Davis, Cora, (N-1).
Emporia.

Davis, David, (1).
Emporia.

Davis, Della, (N-1).
Emporia.

Davis, Edna E., (N-1a).
Longton.

Davis, Esther, (1).
Emporia.

Davis, Florence, (N-2a).
Clearwater.

Davis, Gladys, (N-1).
Emporia.

Davis, Lillian, (N-1).
Emporia.

Davis, Lydia, (1).
Emporia.

Davis, Mrs. Lydia, (C-1).
Kanopolis.

Davis, Nellie May, (1).
Emporia.

Davis, Olive, (N-1).
Emporia.

Davis, Pier, (2).
Emporia.

Davis, Winnifred Lloyd, (C-4).
Emporia.

Day, Bertha, (N-3).
Colony.

Day, Dathula Lyles, (N-3).
Fontana.

Deane, Ruth, (C-1).
Pratt.

DeForest, Lottie M., (N-1).
Peabody.

Deibler, Minnie Estella, (C-3).
Manhattan.

Delander, Clara E., (N-1a).
Kinsley.

DeLay, Glenn A., (C-3).
Emporia.

Dennis, Mary D., (N-2, 4).
Iola.

UNDERGRADUATES—*continued.*

Dent, Carl E., (N-3a).
Council Grove.

Detlor, Agnes, (N-3).
Grantville.

Deweese, Ramona, (C-1).
Wamego.

Dewey, Chas. H., (C-1).
Elk City.

Dewey, Delmer R., (N-3).
Earlton.

DeYoung, Adrian, (C-1).
Emporia.

DeYoung, Ruth, (C-1).
Emporia.

Dick, Ethel, (C-1, 4).
Siloam Springs, Ark.

Dickason, Essie M., (C-1).
Emporia.

Dickenson, G. E., (C-3).
Le Roy.

Diggs, Eva Marie, (1).
Emporia.

Diggs, Welfred H., (C-1).
Emporia.

Dimon, Chas. A., (N-2a).
Stockton.

Dillon, Franklin, (1).
Emporia.

Ditmars, Thomas, (C-1).
Grenola.

Dixon, John A., (N-3a).
Leon.

Dodge, Stella, (N-3a).
Barclay.

Dody, Mabel R., (C-1).
Marion.

Dolen, Nettie, (N-1).
Howard.

Donica, Lovonia Myrtle, (C-4).
Bayard.

Donoho, Lulu, (N-2).
Elsmore.

Doran, May, (N-1).
Emporia.

Doran, Myrtle, (C-1).
Clyde.

Dore, Lucile, (C-2).
Waverly.

Dorman, Annie L., (C-2, 4).
Centralia.

Doty, Mabel, (N-3, 4).
Rosalia.

Douglas, Flossie, (4).
Emporia.

Douglas, Henry, (N-3).
Emporia.

Dow, Kate S., (C-2).
Emporia.

Dowden, Abigail, (4).
Emporia.

Dowden, Edith, (4).
Emporia.

Dowell, C. E., (N-1).
Halls Summit.

Downey, Rose Ethel, (N-1a).
Alma.

Downing, Nellie Bly,
Hamilton.

Drake, Jessie B., (C-1).
Carrollton, Mo.

Duffy, Alda W., (C-1).
Vermilion.

Duer, Myrtle, (N-1).
Langdon.

Dumm, Edmund, (1).
Emporia.

Duncan, Bessie A., (C-1).
Kirwin.

Dunn, Della, (N-1).
Olpe.

Dunham, Lilian, (C-1).
Paola.

Dunn, Perry K., (C-1).
Laurel.

Dunsworth, Dorothy, (4).
Emporia.

Dunnsworth, Pearl, (N-3).
Emporia.

Durrin, Edith, (N-1a).
Altoona.

Dutton, Merle, (1).
Emporia.

Dwelle, Margaret, (1).
Emporia.

Dymachek, Rose, (C-1).
Caldwell.

Ealy, Marguerite H., (N-3).
Hamilton.

Earnshaw, Opal, (N-1).
Lebo.

Earnshaw, Onno, (N-1).
Lebo.

Easley, Anna, (C-3).
Elk City.

East, Mrs. Maggie, (N-1a).
Emporia.

Eastin, E. C., (N-1, 4).
Emporia.

Eastman, Bessie, (C-1).
Matfield Green.

Eastman, Florence, (N-1).
Matfield Green.

Eastman, Josie, (N-2).
Matfield Green.

Easton, Arlington, (1).
Emporia.

UNDERGRADUATES—*continued.*

Eaton, Hazel, (C-1).
Erie.

Eckdall, Frank, (2).
Emporia.

Eckdall, Lida, (2).
Emporia.

Edmiston, Roy, (C-1).
Americus.

Edwards, Anna E., (C-1).
Emporia.

Edwards, Dorothy, (N-2).
Emporia.

Edwards, Elizabeth, (C-1).
Lebo.

Edwards, Elizabeth, (1).
Emporia.

Eichenberger, Erenstina, (N-1).
Pomona.

Eichenberger, Ruth, (N-2a).
Pomona.

Eitso, Honor, (N-3a).
Council Grove.

Ekstrum, Harry, (N-1).
Wilsey.

Ekstrum, Sigrid, (N-1).
Wilsey.

Elder, Clara D., (N-3).
Ottawa.

Elder, Helen G., (C-1).
Lyndon.

Elliott, Bertha, (N-2a).
Oskaloosa.

Elliott, Marie, (4).
Emporia.

Elliott, Mary M., (N-3a).
Emporia.

Elliott, Maude, (N-1a).
Emporia.

Elliott, Mayme, (N-2).
Emporia.

Ellis, Olive Irene, (1, 4).
Emporia.

Ellis, Sibyl, (4).
Emporia.

Ellsworth, Bertha, (C-1).
Lecompton.

Elmore, Harvey, (N-1).
Elk City.

Elmore, Lizzie, (N-3).
Elk City.

Engle, Alice, (C-2).
Detroit.

Engle, Lawrence E., (C-3).
Emporia.

Englund, Sigurd, (N-3a).
Falun.

Epler, Laura, (N-1a).
Meriden.

Epperson, Carrie, (C-1).
Scott City.

Ernst, Lena, (C-3, 4).
Lansing.

Eskridge, Marguerite, (3).
Emporia.

Evans, Ferne, (C-1).
Collinsville, Okla.

Evans, Florence, (4).
Emporia.

Evans, Mary Bebe, (1).
Emporia.

Evans, Mildred, (1).
Emporia.

Everley, Garnet, (C-3).
Emporia.

Everley, Mary, (N-2a).
Emporia.

Fagan, Elizabeth, (N-4, 4).
Reading.

Fagan, Maggie, (C-1).
Reading.

Fagan, Nella, (C-1).
Reading.

Fairbrother, Lewis, (N-3a).
Toronto.

Falkenrich, L. S., (N-1).
Moline.

Falls, M. Leone, (C-1).
Valley Falls.

Fanska, Katherine, (C-3).
Americus.

Farnsworth, Nellie, (C-3).
Portis.

Farrar, Julia, (N-1a).
Jarbalo.

Fawcett, H. Hazel, (C-1, 4).
Emporia.

Fawcett, Vera E., (C-1).
Norton.

Fawl, Atha Laurena, (N-1).
Overbrook.

Fawl, Edna Margaret, (N-1).
Overbrook.

Felker, Florence R., (C-3).
Hoyt.

Felkner, Beth, (N-3).
Douglass.

Fellows, Homer, (1).
Emporia.

Fent, Libbie, (C-1).
Eureka.

Fenton, Hazel, (C-2).
Garnett.

Ferrell, Jennie, (C-1).
Independence.

Fessenden, Orpha, (4).
Emporia.

UNDERGRADUATES—*continued.*

Fickel, Walter E., (N-2a).
Agenda.

Field, Hollie, (C-1).
Yates Center.

Filson, Frances, (C-1).
Emporia.

Finlayson, Edith E., (C-3).
Summerfield.

Finley, Adin W., (N-1).
Emporia.

Fish, Leward Fessenden, (1).
Emporia.

Fishback, Hazel, (C-1).
Emporia.

Fishback, Pearl, (4).
Mount Hope.

Fisher, Flora M., (C-3).
Topeka.

Fisher, Helen, (N-1).
Emporia.

Fitch, Donald, (1).
Emporia.

Fitch, Kenneth, (1).
Emporia.

Fitzgerald, Viola, (C-1).
Clay Center.

Fitzpatrick, Donald, (N-2).
Emporia.

Fitzpatrick, Lillian, (N-2).
Emporia.

Fleming, Irene E., (N-1).
Emporia.

Fletcher, Aura, (N-2a).
Pleasanton.

Fletcher, Elizabeth, (N-1).
Bucklin.

Flinn. Gertrude, (C-4).
Admire.

Flory, Ansta, (N-1).
Overbrook.

Fluker, Florence, (C-1).
Emporia.

Foncannon, Adrian, (C-2).
Emporia.

Forbes, Eunice, (1).
Emporia.

Ford, Velsa, (N-1).
Madison.

Forde, Mary E., (C-1).
Emporia.

Fordyce, Margaret, (4).
Emporia.

Forest, Alma Lucile, (2).
Emporia.

Foshay, Nellie, (C-3).
Carbondale.

Foss, Arthur, (N-1).
Edmond.

Fouts, Carrie B., (C-1).
Frankfort.

Fowler, John J., (C-3).
Jewell City.

Fowler, Kate, (N-1).
Ozawkie.

Fowler, Una Maude, (N-4).
Topeka.

Fox, Erma Lea, (C-1).
Larned.

Fox, Eva, (N-1).
Emporia.

Fox, James, (N-1).
Emporia.

Franz, Ida M., (C-1).
Rozel.

Fraser, J. E., (C-2).
Garrison.

Fraser, Mrs. J. E., (N-3).
Garrison.

Frazier, Alta, (N-4).
Independence.

Frazier, Nellie, (N-1).
Caldwell.

Fredrickson, Otto, (N-4).
Allen.

Freeland, Mrs. Geo., (N-4).
Lost Springs.

Freeman, Earl G., (N-1).
Simpson.

Freeman, Josephine, (C-1).
Iola.

Freeman, Julia, (N-2).
Simpson.

Freese, Theron, (C-1).
Thayer.

French, Lea, (C-1).
Ponca City, Okla.

French, Nellie I., (C-1).
Elsmore.

Frey, Edith, (C-1).
Abilene.

Friend, Frances, (1, 4).
Emporia.

Friend, Mildred, (N-3).
Emporia.

Friend, Sadie, (N-4).
Emporia.

Friesen, Bernard J., (C-1).
Loraine.

Fronk, Mary Rosa, (C-3).
Meriden.

Frye, Edna, (N-4).
Burlington.

Frye, Lee Maggie, (C-1).
Kansas City.

Fulk, Fred, (N-1a).
Longton.

UNDERGRADUATES—*continued.*

Fulk, Mabel, (C-1).
Lebo.

Fuller, Katherine, (4).
Emporia.

Fulton, Ernest, (N-3).
Winchester.

Fultz, Atley, (1).
Emporia.

Fultz, Iva, (1).
Emporia.

Fultz, Robert Quincey, (2).
Emporia.

Funchess, Zoula, (C-2).
Topeka.

Funk, Cornelius H., (N-3).
Hillsboro.

Fyle, Robert Clyde, (2).
Emporia.

Gafford, Anna E., (4).
Emporia.

Gallagher, Alta, (C-1).
Chanute.

Gallagher, Lola Agnes, (C-1).
Hoxie.

Gallagher, Margaret, (C-1).
Chanute.

Gambill, Kathryn L., (C-1).
McCune.

Gambill, Marcus B., (C-1).
McCune.

Gardner, Pearl, (N-4).
Lyndon.

Gardner, Sadye,
Tampa.

Garlick, Martha, (1).
Emporia.

Garlick, Sidney, (1).
Emporia.

Garr, Alta, (N-1a).
Independence.

Garrett, Fred, (N-1).
Waverly.

Garrett, Hazel, (N-1a).
Waverly.

Garrett, Irl, (N-1a).
McLouth.

Garrett, Neva, (N-1a).
Waverly.

Garrison, William Everett, (2).
Emporia.

Gates, Nellie, (C-1).
Anthony.

Gaughan, Anna, (C-1).
Reading.

Gaughan, Mary, (C-1).
Reading.

Gaylord, Marjorie, (N-2).
Protection.

Gaylord, Martha, (C-1).
Belleville.

Gee, Fred, (1).
Emporia.

Gee, Willis, (N-2).
Emporia.

Geelan, Salome, (N-1).
Lecompton.

George, Florence, (2).
Emporia.

Germann, Louise C., (N-2).
Alta Vista.

Gibbons, Adaline V., (C-1, 4).
Anthony.

Gibbons, Harry A., (N-1).
Hartford.

Gibbs, Nelle, (N-1).
Elk City.

Gibson, Clyde, (N-2).
Kensington.

Gibson, Ethel, (1).
Emporia.

Gibson, Lucile, (1).
Emporia.

Gier, Wilber J., (C-1).
Hepler.

Gilbert, John Edward, (C-3).
Lincolnville.

Giles, Minnie, (N-3).
Wichita.

Giles, Margaret, (2).
Emporia.

Giles, Marion, (1).
Emporia.

Gillet, Eugene, (1).
Emporia.

Gilman, Gordon, (1).
Emporia.

Gilman, M. Cady, (N-4).
McAlester, Okla.

Gilman, Pearl, (N-1a).
Emporia.

Gilmore, Clara, (C-1).
Oneida.

Gist, Edith V., (N-1a).
Bushong.

Gist, Mrs. Effie, (44).
Emporia.

Givin, George, (4).
Emporia.

Givin, Grace, (C-2).
Emporia.

Glover, Berta, (N-1).
Tulsa, Okla.

Glover, Maude, (C-1).
Atchison.

Godsey, Alice, (1).
Emporia.

UNDERGRADUATES—*continued.*

Godsey, Earl, (N-1).
Emporia.

Godsey, Grace, (1).
Emporia.

Goff, Anna, (C-1).
Lincoln.

Goff, Jessie M., (N-1).
Cedar Vale.

Goldsmith, Helen, (N-3).
Athol.

Good, Elsie M., (C-1).
Cimarron.

Good, Evalyn, (2).
Emporia.

Goodwin, Grace, (1).
Emporia.

Gordon, Ella May, (N-1).
Dover, Okla.

Gordon, Era Bell, (N-3).
Dover, Okla.

Gordon, Jennie, (N-2, 4).
Emporia.

Gordon, Joe, (N-2).
Attica.

Gore, Alvin G., (C-1).
Oswego.

Goss, Beatrice, (C-1, 4).
Pawhuska.

Gough, Hazel, (C-1).
Chanute.

Grabendith, Albert, (1).
Emporia.

Graham, Avis, (N-3).
Neodesha.

Graham, Bessie, (C-1).
Neodesha.

Graham, Inez, (N-1).
Neodesha.

Granger, Esmer, (C-1).
Netawaka.

Grant, Elsie Mabel, (C-2).
Emporia.

Grant, Ethel, (1).
Emporia.

Grant, Gertie, (N-4).
Rosalia.

Gravatt, Abbie, (C-1).
Beloit.

Graves, Johnnie Mae, (C-1).
Elk City.

Grayum, Wm. H., (C-3).
Jones, Okla.

Greathouse, Elsie, (N-1).
Wauneta.

Green, Eleanor, (C-2).
Leavenworth.

Green, Mildred, (C-1).
Peabody.

Greenlee, Alice, (C-1, 4).
Atchison.

Greenlee, Frank, (1).
Emporia.

Greenlee, Gladys, (N-1).
Emporia.

Greenlee, Harvey, (N-1).
Emporia.

Greenlee, John J., (N-1a).
Emporia.

Greenlee, Merril, (1).
Emporia.

Greenlee, Myrtle, (N-1).
Emporia.

Greenlee, Vernon, (1).
Emporia.

Gregory, Arta J., (C-1).
Liberty.

Gregory, Chas., (N-1).
Westphalia.

Gregory, Lora, (N-1a).
Independence.

Gregory, Norma, (N-3).
Atchison.

Griffith, Mrs. Bertha B., (N-3).
Severy.

Griffith, Grace, (N-3).
Kincaid.

Griffith, John T., (N-3).
Severy.

Griffith, Mary E., (C-1).
Hartford.

Grimes, Edna Leone, (C-1).
Marion.

Gross, Vesta, (4).
Emporia.

Groh, Harry, (1).
Emporia.

Groh, John, (1).
Emporia.

Gross, Vesta, (1, 4).
Emporia.

Grove, Fern B., (C-2).
Parker.

Grove, Mabel, (4).
Emporia.

Grover, Lucile, (2).
Emporia.

Groves, Eleanor Jane. (3).
Carlsbad, N. M.

Grubb, Eva, (C-1).
Phillipsburg.

Grubb, Laura S., (N-4)
Phillipsburg.

UNDERGRADUATES—*continued.*

Gudge, Anna, (N-1a, 4).
Emporia.

Guettel, Dora, (4).
Emporia.

Guffey, Grace, (C-1).
Herington.

Gufler, Albert, jr., (2).
Emporia.

Guild, Edna, (C-1).
Bern.

Gunzleman, Goldie May, (N-1).
Emporia.

Guthrie, Zelma, (C-1).
Douglass.

Guy, Adrian, (N-1).
Howard.

Gwinner, Isabel, (2).
Emporia.

Gwinner, Myrtle Jaunita, (1).
Emporia.

Hagans, Maude, (N-1).
Haddam.

Hagge, Mrs. Elizabeth, (C-1).
Pleasanton.

Hail, Florence M., (C-1).
Emporia.

Hail, Ruth, (C-1).
Emporia.

Hakes, Stella, (C-2).
Clyde.

Halbower, Hazel Estella, (C-1).
Anthony.

Hall, Clifford, (N-1).
Emporia.

Hall, Della, (N-3).
Powhattan.

Hall, Jessie, (4).
Emporia.

Hall, Mrs. M. J., (N-1a).
Emporia.

Hall, Minnie, (C-1).
Almena.

Hall, Nora M., (N-2a).
McPherson.

Hall, Zella, (1).
Emporia.

Hally, Thos. F., (C-3).
Delphos.

Hamilton, Agnes, (C-1).
Blue Rapids.

Hamilton, John, (N-3).
Cottonwood Falls.

Hamilton, Leone, (6).
Spokane, Wash.

Hamilton, Nell Scott, (C-4).
Emporia.

Hamer, Dorothy, (1).
Emporia.

Hamer, Helen, (2).
Emporia.

Hamer, Irene, (1).
Emporia.

Hammond, Ethel, (N-1a).
Reading.

Hancock, Mary, (N-1).
Emporia.

Hanes, Anna V., (C-1).
Sageeyah, Okla.

Haney, Kathryn, (N-3a).
Fontana.

Hankison, Louesa M., (N-1).
Wauneta.

Hanna, Ida Evelyeane, (C-2).
Waverly.

Hansen, Nina, (C-1).
Greenleaf.

Harder, Elvina, (N-1).
Dunlap.

Hardick, Nelle, (N-1).
Topeka.

Hardtarfer, Rena, (N-1).
Baldwin.

Hargett, Helen R., (C-1).
Emporia.

Hargett, Marion, (4).
Emporia.

Harmon, Chloe, (N-3).
Sun City.

Harner, Blancher, (3).
Cambridge.

Harns, Mildred, (N-1).
Cedar Vale.

Harper, Bertha, (C-1).
Eureka.

Harper, Ethel, (C-1).
Peabody.

Harper, Faye, (C-1).
Peabody.

Harper, M. H., (8).
Clyde.

Harr, Mabel, (N-3).
Emporia.

Harrington, Hazel, (2).
Emporia.

Harris, Arkle, (N-1).
Portland.

Harris, Augusta C., (C-1).
Emporia.

Harris, Gertrude, (C-1).
Cottonwood Falls.

Harris, Hazel, (C-1).
Emporia.

Harris, LeRoy, (C-1).
Eudora.

Harris, Verle, (C-3).
Emporia.

UNDERGRADUATES—*continued.*

Harrison, Alice, (N-1).
Waverly.

Harrison, Dolph C., (C-2).
Marion.

Harrison, Myrtle L., (5).
Bern.

Hart, Harry B., (N-1).
Dexter.

Hartman, Guy V., (N-3).
Raymond.

Harvell, Fern, (N-3).
Pawnee. Okla.

Harvey, Cora E., (C-1).
Goddard.

Harvey, Corwin, (1).
Emporia.

Harvey, Lillie, (1).
Emporia.

Haswell, Mary Elizabeth, (3).
Garfield, Ark.

Hatcher, Mary, (1).
Emporia.

Hatcher, Paul, (1).
Emporia.

Hathaway, Sylvia, (N-1a).
Robinson.

Haupt, Lillian, (C-1).
Burlington.

Hawley, Dorothy, (1).
Emporia.

Haynes, Carol, (1).
Emporia.

Haynes, Chas., (C-2).
Emporia.

Haynes, Dorothy, (1).
Emporia.

Haynes, Helen A., (4).
Emporia.

Haynes, Irnestine, (1).
Emporia.

Haynes, Margery, (C-4).
Emporia.

Haynes, Ruthe, (C-1).
Topeka.

Haynes, Virginia, (1).
Emporia.

Haynes, William, (1).
Emporia.

Hays, Carrie, (C-2).
Parsons.

Hays, Louelle, (C-1).
Ottawa.

Hays, Myrtle, (C-2).
Emporia.

Hays, Nellie, (N-3).
Osawatomie.

Haywood, Elizabeth, (2).
Emporia.

Heaney, Arthur J., (C-2).
Healey.

Hebrank, Della, (N-1).
Council Grove.

Hebrank, Lillie, (N-1a).
Council Grove.

Hebrank, Mary, (4).
Council Grove.

Hebrank, Maude, (N-1a).
Council Grove.

Hebrank, Tillie, (N-3).
Council Grove.

Heglin, Emma, (N-1a).
Superior, Neb.

Heidemann, Ethel, (4).
Emporia.

Heinbaugh, Zelah, (C-1).
Parsons.

Heinshon, Otto Van, (C-1).
Florence.

Hembling, Violet, (1, 4).
Emporia.

Hemenway, Addie, (C-2).
Emporia.

Hemenway, Edna, (C-1).
Emporia.

Hemenway, Ruth, (4, 1).
Emporia.

Hemphill, Katherine, (4).
Emporia.

Henderson, Frank D., (C-1).
Eskridge.

Hendrickson, Floyd, (N-1).
Emporia.

Hendrickson, Helen L., (C-1).
Mankato.

Hendrickson, Irl, (N-1).
Emporia.

Henning, Anna S., (C-1).
Glasco.

Henry, David W., (C-4).
Emporia.

Henthorn, Hattie, (C-2).
Santa Fe.

Hensley, D. Edwin, (N-1).
Emporia.

Hepworth, Orlean, (C-2, 4).
Burlingame.

Hepworth, Viola, (N-2).
Burlingame.

Herde, Noah, (N-1).
Hoyt.

Herman, Hazel, (N-2, 4).
Lincoln.

Herndon, Victor, (N-2a).
Dwight.

Hershner, Glen, (1).
Emporia.

UNDERGRADUATES—*continued.*

Hershner, Mary E., (1).
Emporia.

Herst, Grace, (N-2).
Freeport.

Hesse, Lena M., (N-La).
McLouth.

Hester, Rose, (N-1, 4).
Welda.

Hibbard, Edith, (4).
Emporia.

Hicks, Mrs. Virginia P., (C-2).
Lakin.

Hicks, Virginia, (1).
Emporia.

Higbee, George, (1).
Emporia.

Hildinger, Lucile, (C-1).
Cottonwood Falls.

Hill, Alfred, (C-1, 4).
Emporia.

Hill, Catherine, (C-1).
Mulvane.

Hill, Duryee, (4).
Emporia.

Hill, Gladys, (C-1).
Mulvane.

Hill, Joseph Anson, (1).
Emporia.

Hill, Mabel, (N-1).
Burlington.

Hill, Ruth E., (1, 4).
Emporia.

Hill, Ruth O., (4).
Emporia.

Hillier, Ethel, (N-3).
Fulton.

Hillier, Louise, (N-3).
Fulton.

Himes, Ella Alice, (N-3).
Kanopolis.

Hines, Arthur, (1).
Emporia.

Hinkle, Alice, (C-1).
Emporia.

Hinshaw, Albert, (1).
Emporia.

Hinshaw, Sarah, (1).
Emporia.

Hinshaw, Steve, (N-2).
Emporia.

Hipes, Ethel, (N-1).
Parsons.

Hirchler, Arthur, (C-1).
Hillsboro.

Hitchens, Perry T., (N-1a).
Burlington.

Hoard, Andia M., (C-1, 4).
Hoardsville, Okla.

Hoback, Athel, (N-1a).
Girard.

Hodges, Amorette, (N-1).
Emporia.

Hoelcel, Emily Kittlans, (C-2).
New Ulysses.

Hoffman, Olive, (N-1).
Strong City.

Hogue, Wm. H., (C-1).
Leon.

Holden, G. L., (N-2).
Independence.

Holderman, Dumont, (1, 4).
Emporia.

Holderman, Jacob Ilk, (N-3).
Toronto.

Hollar, Daisy, (N-1).
Emporia.

Holland, Alice, (N-1).
Robinson.

Holland, J. T., (N-4).
Robinson.

Holland, Kerne, (2).
Emporia.

Holland, Kelley, (1).
Emporia.

Holloway, Minnie, (C-2).
Yates Center.

Holloway, Ruby, (N-3).
Collinsville, Okla.

Holmes, Glenn, (N-1).
Emporia.

Holmes, Grace, (N-1).
Emporia.

Honn, Blancher, (N-1a, 4).
Uniontown.

Honn, Pearl Jennie, (N-1, 4).
Uniontown.

Hooker, Violet, (N-1).
Emporia.

Hoopes, Helen Rhoda, (C-1).
Emporia.

Hoover, Beatrice Agnes, (C-1).
Burlingame.

Hoover, Lucille, (C-1).
Burlingame.

Hopkins, Annie P., (C-4).
Ellsworth.

Hopkins, Earl, (1).
Emporia.

Hopkins, Ross, (1).
Emporia.

Hord, Nellie M., (C-1).
Colony.

Horton, Floyd, (2).
Emporia.

Horton, Margaret, (1).
Emporia.

UNDERGRADUATES—*continued.*

Horton, Ray, (1).
Emporia.

Hostick, Berta, (C-1).
Lebo.

Hothan, Mary L., (C-2).
Lyndon.

House, Hazel, (N-3a, 4).
Marysville.

Houts, Blanche, (N-4a).
Emporia.

Houts, Grace, (N-2).
Emporia.

Houts, Levy, (1).
Emporia.

Hoover, Harriet, (1).
Emporia.

Hover, Mrs. Margaret, (N-4).
Eureka.

Howard, Georgia Lee, (N-4, 4).
Erie.

Howard, Ida, (N-2a).
Hutchinson.

Howard, Hazel, (N-3).
Emporia.

Howard, Mary G., (C-1).
Emporia.

Howard, May Belle, (C-3).
Emporia.

Howard, Nora C., (N-4a).
Liberty.

Howard, Ralph, (N-1).
Emporia.

Howe, Arthur B., (1).
Emporia.

Howe, Clifford, (1).
Emporia.

Howell, Edith H., (C-3).
Emporia.

Howell, Grace P., (C-1).
Norton.

Hoyt, Esther, (N-2).
Reading.

Hoyt, Stella, (N-2).
Reading.

Hubble, Jean, (4).
Emporia.

Huber, Bernadine, (N-1).
Emporia.

Hubert, Jennie A., (N-3).
Muskogee, Okla.

Hudson, Amy, (1).
Emporia.

Huffman, Leslie, (C-1, 4).
Garden City.

Huggins, Junior, (1).
Emporia.

Huggins, May, (1).
Emporia.

Hughes, Agnes E., (C-2).
Kingman.

Hughes, John, (N-3).
Dunlap.

Hughes, Phillip, (2).
Emporia.

Hull, Ida, (N-1a).
Winchester.

Hull, Lobie, (N-1a).
Waverly.

Hultz, Laura, (1).
Emporia.

Humphrey, Ida, (1).
Emporia.

Humphrey, Jesse M., (1).
Emporia.

Humphrey, Mary, (2).
Emporia.

Hume, Bessie A., (N-3).
Muskogee, Okla.

Hunt, Roy C., (N-3).
Narka.

Hunt, Walter T., (N-2a).
Parsons.

Hunter, J. T., (C-4).
Holton.

Hunter, Marguerite, (C-1).
Emporia.

Hunter, Mary J., (C-1).
Eureka.

Hunter, Mildred, (1).
Emporia.

Hunter, William, (1).
Emporia.

Hurst, Helen, (C-1).
Oklahoma City, Okla.

Hurst, Jennie D., (C-1).
Wellington.

Hurst, Ray, (N-1).
Emporia.

Huss, Marion (C-1, 4).
Eureka.

Hutchins, Harold, (1).
Emporia.

Hutchins, Lida, (C-1).
Emporia.

Hutchins, Sara C., (N-4).
Emporia.

Huxman, W. A., (C-1).
Pretty Prairie.

Iden, Faye, (N-1).
Emporia.

Iden, Gaye, (N-1a).
Gove.

Iden, Joye, (N-4).
Gove.

Ingham, Blanche, (C-1).
Fort Scott.

UNDERGRADUATES—*continued.*

Ingle, Anna, (N-1).
Overbrook.

Ireland, Ethel, (C-1).
Emporia.

Ireland, Neal D., (N-1a).
Florence.

Irwin, Kittie, (5, 4).
Lawrence.

Irwin, Mamie, (4).
Fairview.

Irwin, Minnie B., (C-1).
Hill City.

Isaacs, Osa Lee, (C-2).
Meriden.

Jacobson, Mrs. H. P., (C-1).
Oklahoma City, Okla.

Jacoby, Lester, (1).
Emporia.

Jaggard, Louise, (4).
Emporia.

James, Haddon W., (C-1).
Emporia.

James, Harry, (N-1a).
Hartford.

James, Maurice, (C-1).
Madison.

Jameson, Bertha, (N-1a).
Reamsville.

Jameson, Rhoda, (5).
Burlingame.

Jaquith, Arthur, (2).
Emporia.

Jaquith, John W., (N-1).
Americus.

Jaquith, Mark, (1).
Emporia.

Jaquith, Robert Kepner, (2).
Emporia.

Jarrett, Beth, (N-2).
Chanute.

Jasper, Opal, (C-1).
Lebo.

Jaynes, Frances, (N-2).
Meriden.

Jaynes, L. Eva, (N-3).
Meriden.

Jeffries, Pearl, (N-2).
Elsmore.

Jenks, Gertrude M., (C-2).
Howard.

Jennings, Frank, jr., (C-1).
Kansas City.

Jensen, Albert, (C-1).
Ottawa.

Jensen, Bernard, (N-1).
Emporia.

Jensen, Ella M., (N-1).
Belleville.

Jensen, Ernest, (1).
Emporia.

Jensen, John, (N-1).
Emporia.

Jensen, Victor, (N-1a).
Ottawa.

Jeremy, Ralph E., (N-1).
Emporia.

Jeremy, Ruth, (C-1).
Emporia.

Jeter, Eula, (N-1).
Sycamore.

Jeter, Lillie, (C-1).
Alden.

Jimson, Brunetta, (C-1).
Stafford.

Johnsmeyer, Vera E., (N-1).
Riley.

Johnson, Claude F., (N-3).
Elmdale.

Johnson, Egbert G., (N-1).
Pratt.

Johnson, Grace B., (C-2).
Hartford.

Johnson, Iva, (N-3).
Belleville.

Johnson, Mabel, (C-1).
Yates Center.

Johnson, Mary E., (N-4).
Dwight.

Johnson, Nelle, (C-1).
Towanda.

Jones, Catherine H., (C-4).
Emporia.

Jones, Catherine P., (C-3).
Emporia.

Jones, Cora B., (N-3).
Emporia.

Jones, Dottie, (5).
Emporia.

Jones, Edith, (C-1).
Burrton.

Jones, Edwina Eleanor, (1).
Emporia.

Jones, Ester, (4).
Emporia.

Jones, Fern, (N-1, 4).
Emporia.

Jones, Hazel D., (N-1).
Emporia.

Jones, Hazel I., (N-1).
Emporia.

Jones, Helen, (C-1, 4).
Emporia.

Jones, Humphrey, (C-3).
Emporia.

Jones, John Adris, (2).
Emporia.

UNDERGRADUATES—*continued.*

Jones, Mina, (N-1).
Lawrence.

Jones, Minnie, (N-3).
Emporia.

Jones, Myrtle, (C-1).
Latham.

Jones, Nellie, (N-1).
Emporia.

Jones, Ralph E., (N-1a).
Moline.

Jones, Sylvia, (N-3).
Emporia.

Jones, Wynona, (C-1).
Iola.

Jorgensen, Fred H., (C-1).
Council Grove.

Josepha, Sister Mary, (C-1).
Leavenworth.

Josserand, Bruce, (C-1).
Colusa.

Kane, Beatrice, (N-1).
Parsons.

Kane, Sadie, (N-3).
Parsons.

Katsuizumi, Sotokichi, (N-2).
Kaga, Japan.

Kauffman, Eva, (N-1).
White Water.

Keech, Edith, (N-1a, 4).
Emporia.

Keenan, Marie E., (C-1).
Herington.

Keeney, Flora, (N-1a).
Pawnee Station.

Keeney, Rose, (C-1).
Pawnee Station.

Keinath, Frank, (2).
Emporia.

Keinig, Louise, (N-1).
Zenda.

Keith, Carrie, (C-1).
Belleville.

Keller, Margaret E., (2).
Emporia.

Kelly, Edwin, (N-1).
Carlyle.

Kelly, Marjorie, (1, 4).
Emporia.

Kempton, Almon, (1).
Emporia.

Kendall, Elizabeth, (C-2).
Smith Center.

Kendig, Esther, (1).
Emporia.

Kendig, Floyd, (1).
Emporia.

Kendig, Harold, (1).
Emporia.

Kennedy, Flosse, (C-2).
Coffeyville.

Kennel, Hattie, (C-1).
Herington.

Kepler, Arthur, (1).
Emporia.

Kepler, Edgar, (1).
Emporia.

Kepler, Edward, (1).
Emporia.

Kerr, Martha I., (5).
Emporia.

Kersey, Elma June, (N-3a).
Bushong.

Kersey, R. T., (C-2).
Paxico.

Kersey, Mrs. R. T., (4).
Paxico.

Kersey, Walter Roscoe, (7).
Mulvane.

Ketcherside, John, (N-1).
Hope.

Ketterman, Paul, (1).
Emporia.

Kilbridge, Irene F., (N-1, 4).
Emporia.

Killough, Bessie E., (C-2).
Ottawa.

Kinzey, Austin, (N-3).
Longton.

Kinzey, Ernest, (N-1).
Longton.

King, Edna, (N-1).
Emporia.

King, Mabel Viola, (N-2).
Emporia.

King, Maud, (N-3).
Plainville.

King, Oda May, (C-3).
Emporia.

King, W. T., (8).
Moline.

Kinley, Eva, (C-1).
Topeka.

Kirby, Arthur, (1).
Emporia.

Kirchner, Arthur, (N-1).
Baldwin.

Kirk, Edna, (C-1).
Flint Ridge.

Kirk, Leta B., (C-2).
Emporia.

Kirkendall, Frances, (4).
Emporia.

Kirkner, Violet, (C-1).
Carbondale.

Kirkpatrick, Amanda, (C-1).
Montrose.

UNDERGRADUATES—*continued.*

Kirkpatrick, Ethel, (N-1, 4).
Montrose.

Kissel, Neva, (C-2).
Emporia.

Kitchen, Candace, (C-1).
Osawatomie.

Kitchen, Martha, (N-3).
Osawatomie.

Kizler, Ida, (N-4a).
Hillsboro.

Kjillin, Judson, (1).
Emporia.

Kleile, Louise, (N-1a).
Raymond.

Klinefelter, Ada, (N-2).
Cherryvale.

Klinkenberg, Louise, (C-1).
Tonganoxie.

Kliewer, Katheryn M., (N-1).
Newton.

Knapp, Myrtle, (C-1).
Perry.

Knight, Emma E., (C-1).
Solomon.

Knisley, Cora, (N-3a).
La Cygne.

Knode, William, (N-1).
Lincolnville.

Knox, Wilbur D., (N-1).
Emporia.

Kock, Lena, (C-1).
Fredonia.

Koenig, Hattie, (N-1).
Olpe.

Kohler, Florence, (N-1).
Westmoreland.

Kohler, Velma, (N-1, 4).
Westmoreland.

Koontz, Lois, (1).
Emporia.

Kowalski, Mary, (N-1).
Emporia.

Kraemer, C., (C-1).
Beattie.

Kraum, Clarence, (4).
Emporia.

Kraum, Ralph, (4).
Emporia.

Kretsinger, Beatrice, (1).
Emporia.

Krueger, Carrie, (N-3).
Bison.

Krueger, Edith, (N-1).
Bison.

Kuhlman, Rolle E., (N-3, 4).
Emporia.

Kuller, Avis, (N-2).
Emporia.

Kumberg, Theresa, (N-1).
Sawyer.

Kunz, H. Marion, (N-1).
Emporia.

Kurzen, Mildred, (4).
Emporia.

Ladd, Mrs. Ada D., (N-3, 4).
Manhattan.

Laing, Ina, (C-1).
Concordia.

Laird, Frank B., (C-2).
Hoyt.

Laird, Hazel, (N-1).
Emporia.

Laird, Homer Ulysses, (N-1).
Emporia.

Lakin, Albert, (1).
Emporia.

Lamb, Flora, (N-1).
Dunlap.

Lamb, Leolo M., (N-1).
Dunlap.

Lambert, Edith, (N-1).
Elbing.

Lambert, J. Margaret, (C-1).
Toronto.

Lane, Laura E., (N-3).
Neosho Rapids.

Lankton, Andrew J., (C-1).
Le Roy.

Lankton, Cora, (N-4a).
Le Roy.

Lannan, Mary K., (C-1).
Topeka.

Lanning, Geo., (N-2).
Haven.

Larimore, O. M., (5).
Clifton.

Larson, Eric, (C-1).
Scandia.

Larson, Mabel, (11).
Americus.

Larson, Nancy, (N-1a).
Peabody.

Larzelere, Margaret, (C-2).
Wathena.

Lauck, Pearl, (N-1, 4).
Peabody.

Laughlin, Margaret, (N-3).
Atchison.

Lawrence, Hazel, (1).
Emporia.

Lawrence, Iva May, (N-1).
Emporia.

Lawrence, Marie, (N-1).
Dodge City.

Lawrence, Otto, (2).
Emporia.

UNDERGRADUATES—*continued.*

Lawrence, Pearl, (2).
Emporia.

Laws, Katherine, (1).
Emporia.

Laws, Mattie, (N-4).
Lebo.

Lawson, Mary F., (N-3).
El Reno, Okla.

Leatherberry, Margaret, (2).
Emporia.

Lee, Chas., (N-1).
Ackerland.

Lee, William, (N-1).
Ackerland.

Lempeneau, Emma, (C-1).
Westmoreland.

Leonard, Albia, (N-1a).
Wauneta.

Leonard, Fred, (N-4, 5).
Burns.

Lesslie, Jessie C., (C-1).
Independence.

Lesslie, Myrta E., (N-3).
Frankfort.

Lett, Alma, (4).
Emporia.

Levan, Ethelinda M., (C-1).
Coffeyville.

Lewis, Cozy, (C-1).
Columbus.

Lewis, Dennis M., (C-2).
Kingfisher.

Lewis, E. J., (4).
Emporia.

Lewis, Edna Mae, (N-1a).
Bala City.

Lewis, Elizabeth, (N-3).
Emporia.

Lewis, Elizabeth F., (N-2a).
Bala.

Lewis, Elmer, (1).
Emporia.

Lewis, Ernest, (2).
Emporia.

Lewis, Marie, (C-1).
Columbus.

Lewis, Mary, (C-1).
Horton.

Lewis, Maud, (C-1).
Osage City.

Lewis, Sarah, (C-1).
Emporia.

Lewis, Winnifred, (C-3, 4).
Butternut, Mich.

Liersch, Anna, (C-1).
Kansas City, Mo.

Liggett, Lois Mae, (N-1).
Rosalia.

Lilly, Myrtle, (N-1).
Wayne.

Lindamood, Eva M., (N-1a).
Perry.

Linder, Jessie M., (C-1).
Wathena.

Lindley, Hattie, (C-1).
Independence.

Lindsey, Beatrice, (C-1).
Emporia.

Linss, A. Laura, (N-4).
Alma.

Lippe, Anna, (N-1).
Miltonvale.

Lippe, Gertrude, (N-1).
Miltonvale.

Little, Elizabeth A., (C-2).
Eureka.

Lockridge, Lida, (C-1).
Sabetha.

Lockwood, Daniel, (C-2).
Emporia.

Lockwood, Lawrence, (1).
Emporia.

Loeffler, Laura L., (N-1).
Linn.

Loevenguth, J. C., (N-3).
Udall.

Loevenguth, Oscar, (N-1a).
Udall.

Logan, Mae, (N-1a).
Smith Center.

Logan, Pelle, (N-3a).
Hutchinson.

Long, John Franklin, (1).
Emporia.

Long, S. S., (C-3).
Emporia.

Longberg, Minnie, (N-3).
Goffs.

Longenecker, Donald, (4).
Emporia.

Longenecker, Frank, (4).
Emporia.

Longfellow, Daisy J., (N-1).
Emporia.

Longfellow, Ettie B., (N-3).
Emporia.

Longshore, Mrs. F., (N-4).
Iola.

Lord, Bertha D., (11).
Emporia.

Lott, Alta L., (N-3).
Baileyville.

Lott, Nell, (C-1).
Wellsville.

Louderback, Bessie I., (N-3).
Inola, Okla.

UNDERGRADUATES—*continued.*

Love, Henrietta, (1).
Emporia.

Loveless, Bee, (1).
Emporia.

Loveless, Hazel, (N-1).
Emporia.

Loveless, James L., (1).
Emporia.

Loveless, Opal, (C-3).
Emporia.

Loveridge, Ethel G., (N-4).
Emporia.

Lowe, Orrin C., (N-3).
Paola.

Lowe, Roy S., (N-3).
Paola.

Lowry, Zoula, (C-1).
Paola.

Lowther, Eugene, (N-2).
Emporia.

Lowther, Kataleen, (9).
Emporia.

Loyd, Ulysses, (N-3).
Bogue.

Lucas, Katherine, (1).
Emporia.

Ludwig, Mary, (N-3).
Cedar Point.

Lunceford, Albert E., (C-3).
Bronson.

Lund, Katy, (N-3, 4).
Alma.

Lundberg, Lillie, (C-1).
Manhattan.

Ludwig, Mary, (4).
Cedar Point.

Luse, Hattie, M., (N-1).
Garnett.

Lusk, Elsie, (N-1a).
Emporia.

Lusk, Sarah, (N-1).
Olivet.

Lydanne, Mary, (N-1a).
Eskridge.

Lyness, Arthur S., (C-1).
Walnut.

Lyter, Cecile, (C-1).
Carbondale.

Lytle, Carol, (4).
Emporia.

Lytle, William, (1).
Emporia.

McAtee, Edith, (N-1).
Parkerville.

McAtee, Estella, (N-3a).
Parkerville.

McBratney, Emma, (4).
Baileyville.

McCabe, Lelia, (N-2).
Burlington.

McCafferty, Frank, (C-3).
Clearwater.

McCafferty, Roy, (N-1).
Clearwater.

McCandless, Mary Evalyn, (2).
Emporia.

McCandless, Rhea, (2).
Emporia.

McCarroll, Anna, (C-2).
Emporia.

McCarroll, Mabel, (N-2).
Codell.

McCarter, Lela, (1).
Emporia.

McCarter, Meda, (1).
Emporia.

McCarty, Dick, (N-1).
Downs.

McCarty, Leona, (C-1, 4).
Emporia.

McCarthy, John, (2).
Emporia.

McCaw, Lorena, (1).
Emporia.

McCaw, Mildred, (N-4).
Americus.

McClintock, Ada, (N-3).
Emporia.

McClure, Faye, (N-3).
Grenola.

McClure, Joseph, (1).
Emporia.

McClusky, Clark, (1).
Emporia.

McCollum, Beatrice, (N-2a).
Santa Fe.

McCollum, H. Lenora, (N-2a).
Santa Fe.

McCollum, Walter, (N-2a).
Santa Fe.

McComb, Blanche, (N-1).
Wichita.

McConnell, Donald, (N-1).
Council Grove.

McConnell, Harry, jr., (1).
Emporia.

McConnell, Mabel, (N-1a).
Cherryvale.

McConnell, W. W., (C-1).
Council Grove.

McCormick, Charles W., (C-4).
Atwood.

McCormick, Grace, (C-1).
Hanover.

McCoy, Allena, (N-1).
Emporia.

UNDERGRADUATES—*continued.*

McCoy, Beulah, (N-1a).
Emporia.

McCoy, Inez, (C-1, 4).
Kansas City.

McCoy, J. P., (8).
Wamego.

McCracken, Bertha, (C-1).
Rose Hill.

McCullough, Edna, (C-1).
Emporia.

McCullough, Elixa, (1).
Emporia.

McCullough, John, (1).
Emporia.

McCullough, Margaret, (1).
Emporia.

McCullough, Roscoe, (C-1).
Emporia.

McCullough, Ruth, (C-1).
Belleville.

McCue, Francis, (1).
Emporia.

McCue, LaVere, (1)
Emporia.

McDaniel, Emma, (N-1).
Danville.

McDill, Hardin, (1).
Emporia.

McDowell, Angie, (N-3a, 4).
Emporia.

McDowell, Denzel, (N-2).
Emporia.

McDowell, Ruth, (N-3).
Emporia.

McDowell, Sadie, (C-1).
Emporia.

McElfresh, Charles, (2).
Emporia.

McFerrin, Grace, (5).
Independence.

McGill, Belle, (C-1, 4).
Colony.

McGill, Flora, (C-1, 4).
Colony.

McGinnis, Ethel, (C-2).
Emporia.

McGinty, Ruth, (C-1).
Junction City.

McIntosh, Jerome D., (C-1).
Marion.

McIntosh, Louisa, (C-1).
Lost Springs.

McKay, Fernie, (N-2a).
Thayer.

McKinley, Ruth, (C-1).
Cawker City.

McLeland, Claude A., (C-3).
Chanute.

McMannis, Monta, (N-3).
Wellington.

McNabb, Clara, (C-1).
Mankato.

McNabb, Mary C., (C-2).
Waverly.

McNally, John, (N-3).
Hiattville.

McNally, M. V., (N-2).
Hiattville.

McNamara, Anna, (N-3, 4).
Axtell.

McNamara, John, (N-3).
Frankfort.

McNamee, Grace, (N-2).
Nickerson.

McNitt, Ethel, (C-2).
Washington.

McNutt, Florence, (1).
Emporia.

McNutt, William, (1).
Emporia.

Madden, Bernice C., (C-1).
Monrovia.

Madden, Gaylord, (N-3).
Emporia.

Maddox, Letha, (N-1).
Hazelton.

Maddux, Anna B., (C-2).
Rosedale.

Magathan, Emmett, (1).
Emporia.

Magill, Lula Frances, (C-1).
Mayfield.

Mahuron, I. D., (N-3).
Garden City.

Mahuron, N. B., (C-2).
Garden City.

Maier, Sara H., (N-4).
Enterprise.

Main, Ida C., (N-3).
Stafford.

Malin, Roxana, (C-1).
Osborne.

Mallary, Benj. E., (C-2).
Emporia.

Mallary, Dorothy, (2).
Emporia.

Mallary, Elsie, (N-1).
Emporia.

Mallicot, Glenna Opal, (C-1).
Eureka.

Mamlgren, Ruth, (N-1).
Falun.

Manly, Vera E., (N-2).
Diamond Springs.

Manning, Evangeline, (C-1).
Emporia.

UNDERGRADUATES—*continued.*

Marchant, S. Elizabeth, (C-1).
Muskogee, Okla.

Mark, Everett, (1).
Emporia.

Mark, Goldie, (1).
Emporia.

Marks, Fay C., (C-3).
Lawrence.

Marks, Fern, (1).
Emporia.

Marks, Wilma, (2).
Emporia.

Markwell, Effie E., (C-2).
Wichita.

Markwell, Robert S., (C-3).
Wichita.

Marlowe, Mabel, (C-2).
Hartford.

Marlowe, Myrtle, (C-1).
Hartford.

Marooney, Anna Carter, (C-2).
Emporia.

Marsh, Annie, (N-3, 4).
Paola.

Marsh, Bessie, (C-4).
Kincaid.

Marsh, Victoria Laura, (N-1, 4).
Emporia.

Marshall, Sylvia, (C-1).
Walton.

Martin, Ada, (C-1).
Chanute.

Martin, Elijah Harold, (1).
Emporia.

Martin, Frank, (N-1).
Chanute.

Martin, Harry, (C-1).
Chanute.

Martin, Harry H., (C-1).
Emporia.

Martin, Hazel, (N-1).
Emporia.

Martin, Layton, (1).
Emporia.

Martin, Mae, (C-1).
Williamsburg.

Martin, Zoah, (1).
Emporia.

Martindale, May Alice, (2).
Emporia.

Marvin, Sadie M., (5).
Emporia.

Mason, Susie, (N-3).
Olathe.

Mathews, Florence M., (C-1).
Chanute.

Matthews, W. I., (C-2).
Fredonia.

Matthews, Mrs. W. I., (C-1).
Fredonia.

Mauck, Glayds, (N-2).
Emporia.

Mauck, Ruth M., (C-1).
Nelson, Neb.

Maxson, Della, (1).
Emporia.

Maxson, Mae, (C-1).
Emporia.

Mayes, Louie M., (N-1, 4).
Emporia.

Mayfield, Taylor, (N-1).
Latham.

Maynard, Wilbert, (C-1, 4).
Emporia.

Meairs, Clifford, (N-1a).
Dodge City.

Mealey, Ethel, (C-3).
Emporia.

Means, Mary, (C-1).
Hiawatha.

Mendenhall, Ruth E., (C-1).
Winfield.

Menehan, John, (C-1, 4).
Beattie.

Mercer, S. W., (N-3).
Greenleaf.

Mercer, Mrs. Zora, (N-4).
Emporia.

Meredith, Clyde Otto, (2).
Emporia.

Meredith, Una, (C-1).
Fall River.

Merilatt, Carrie, (N-1).
Ramona.

Merrill, Fannie, (N-1).
Centerville.

Merrill, Frank, (N-1).
Le Roy.

Merrill, Geo. W., (C-1).
Le Roy.

Merrill, Mary B., (N-1a).
Le Roy.

Merrell, Pearl, (N-2a).
Wellington.

Mester, Hazel, (C-1).
Atchison.

Metzen, Anna, (5).
Edna.

Metzger, Floyd D., (N-1).
Council Grove.

Metzler, Floyd L., (C-3).
Portis.

Meuser, Louise, (C-1).
Paola.

Meuli, Mary Leone, (C-1, 4).
Hope.

UNDERGRADUATES—*continued.*

Meuser, Louise, (C-1).
Paola.

Meyer, Edith E., (N-2a).
Riley.

Meyer, Elmer, (N-1).
Linn.

Meyer, Mamie, (N-2).
Linn.

Meyer, Ollie, (N-2a).
Linn.

Meyer, Walter J., (C-1).
Linn.

Meyers, Emmett, (1).
Emporia.

Michael, Eva, (N-1).
Overbrook.

Mickey, J. R., (N-1).
Wichita.

Millar, Margaret, (5).
St. Louis, Mo.

Miller, A. R., (N-3).
Bonner Springs.

Miller, Alta, (4).
Piedmont.

Miller, Anna O., (C-2).
Hope.

Miller, Arthur A., (C-2).
Emporia.

Miller, Clara, (C-1).
Great Bend.

Miller, Ethel, (C-1).
Tonkawa, Okla.

Miller, Florence G., (C-2).
Thayer.

Miller, Frank R., (C-1).
Cimarron.

Miller, Justin I., (C-2, 4).
Emporia.

Miller, L. Hortense, (1, 4).
Emporia.

Miller, Robena E., (C-2).
Minneapolis.

Miller, Ross L., (C-2).
Cimarron.

Miller, Vernon H., (N-1a).
Rantoul.

Mills, Bertha, (N-3a).
Medicine Lodge.

Mills, Edith, (N-1).
Emporia.

Mills, Florence, (N-4).
Bucklin.

Millson, Myrtle, (C-1).
Yates Center.

Millspaugh, Neva, (C-2).
Winfield.

Milner, Laura M., (C-2).
Hartford.

Milton, Ruth, (C-1, 4).
Stafford.

Minner, Roxie, (C-1).
Soldier.

Mintern, Lula, (N-1).
White City.

Misamore, Ethel, (N-1).
Westmoreland.

Mitchell, Florence, (C-2).
Vernon.

Mitchell, Margaret, (C-1).
Carbondale.

Mitchell, Pansy, (C-1).
Valencia.

Mize Edward, (1).
Emporia.

Mize, James, (2).
Emporia.

Mize, Robert, (2).
Emporia.

Monroe, Hannah, (4).
Emporia.

Montgomery, Alice, (C-2).
Wilsey.

Montgomery, Katherine, (C-1).
Cottonwood Falls.

Montgomery, Katie, (N-1).
Zenda.

Mounkes, Lula, (N-1).
Americus.

Moody, Helen V., (N-1, 4).
Riley.

Moody, Olive, (C-1).
Topeka.

Moore, Blanche, (N-1).
Gridley.

Moore, Charles A., (2).
Emporia.

Moore, Clyde, (C-1).
Thayer.

Moore, Grace, (C-1).
Caney.

Moore, Marie, (1).
Emporia.

Moore, Marie, (1).
Emporia.

Moore, Roberta, (1).
Emporia.

Moren, Vera, (C-1).
Centralia.

Morgan, Chas. H., (N-4a).
Girard.

Morgan, David, (1).
Emporia.

Morgan, Elizabeth, (N-3).
Emporia.

Morgan, Frances, (N-4).
Burrton.

UNDERGRADUATES—*continued.*

Morgan, Ruth, (1).
Emporia.

Morgan, Sara, (C-2).
Emporia.

Morgan, Tracy, (1).
Emporia.

Morgan, Walter, (N-1).
Jarbalo.

Morris, James, (2).
Emporia.

Morris, Julia A., (N-3).
Emporia.

Morris, Lucile, (N-2).
Emporia.

Morris, Wilburn, (N-3).
Council Grove.

Morrisey, Mae, (N-1, 4).
Frankfort.

Morrison, Roy L., (C-2).
Emporia.

Morse, Lula B., (C-2).
Lebo.

Morse, Wilhelmina, (2).
Emporia.

Morton, Lotos L., (N-1a).
Rush Center.

Morwick, Elizabeth, (C-1).
Eskridge.

Mosby, Alice, (1).
Emporia.

Moser, Martha M., (C-1).
Blue Rapids.

Moser, Minnie T., (C-3).
Blue Rapids.

Moss, Ethel M., (C-4).
Emporia.

Motes, Huldiah, (C-1).
Scottsville.

Mullarky, Ethelyn, (C-1, 4).
Concordia.

Mullins, Ida, (C-1).
Osawatomie.

Mulvaney, Otto, (C-1).
Salida, Colo.

Murphy, Marian, (N-2).
Emporia.

Murray, Ora Nettie, (N-2).
Emporia.

Myers, Darrel, (N-1).
Erie.

Myers, Edith, (N-3a, 4).
Hamilton.

Myrick, John C., (C-2).
Hill City.

Myrick, Mary Hall D., (C-2).
Hill City.

Naanes, Alma, (4).
Erie.

Naanes, Edward, (N-1a).
Erie.

Naanes, Geo. W., (N-1).
Erie.

Naanes, Hugh, (N-1).
Erie.

Naanes, Minnie, (N-1).
Erie.

Neff, Loyette, (2).
Emporia.

Neff, Vivian, (4).
Emporia.

Neiswinder, Ethel V., (C-1, 4).
Eopeka.

Nelson, Esther, (N-1).
Herington.

Nelson, Helen, (C-1).
Bennington.

Neumann, Wm. J., (N-2).
Hanover.

Newby, Myrtle, (N-4).
Plains.

Newland, M. Annie, (C-1).
Hoxie.

Newman, Albert Taylor, (1).
Emporia.

Newson, Bertha, (N-2).
Sharon.

Nicholas, Chas. K., (C-3).
Emporia.

Nichols, Lu Creta, (N-3).
Moline.

Nohl, Emma K., (C-1).
Sabetha.

Nolte, Adar M., (N-1a).
Healy.

Norman, Bessie, (4).
Emporia.

Northington, Ethel, (4).
Emporia.

Nowwaman, H. T., (N-4).
Kingman.

Nuffer, Paul, (N-1a).
Emporia.

Nuffer, Rose, (4).
Emporia.

Nutting, Ada, (C-1, 4).
Russell.

Nystrom, Ellen, (8).
Wellington

Oakes, Martha, (C-2).
Peru.

O'Connell, Julia, (N-3, 4).
Home.

O'Connor, Hanna, (N-3).
Blaine.

Officer, Earl, (N-2).
Emporia.

UNDERGRADUATES—*continued.*

Officer, Ethel Lonora, (C-1).
Emporia.

Offecer, Leona, (C-1).
Emporia.

Ogg, Tressa, (C-1).
Emporia.

Okerson, Bertha E., (C-1).
Fairview.

Oliger, A. L., (5).
Emporia.

Oliver, C. O., (C-3).
Elk City.

O'Roke, Dotte, (N-1a).
Fairview.

O'Roke, Fern, (N-1).
Fairview.

Orr, Genera, (N-1).
Reading.

Osborne, Gillmore, (1).
Emporia.

Osborne, Mrs. Elizabeth, (C-2).
St. John.

Overlander, Forrest E., (C-1).
Emporia.

Owen, Ethel, (C-1).
Topeka.

Owen, Lucile, (C-3).
Emporia.

Owen, Olive B., (C-1).
Topeka.

Owens, Bertha H., (N-2a).
Goff.

Owens, Hugh, (C-1).
Chanute.

Owens, Maude, (N-3).
Toronto.

Owens, P. H., (C-1, 4).
Chanute.

Owens, Richard, (1).
Emporia.

Pace, J. Gage, (C-1).
Mound City.

Page, Inez V., (C-1).
Kansas City, Mo.

Palmer, Grace M., (C-3).
Eureka.

Palmer, Ruth, (C-1).
Lecompton.

Paris, Tom, (N-1).
Emporia.

Park, Wallace, (9).
Emporia.

Parke, Marian F., (C-1).
Emporia.

Parker, Ada, (N-3, 4).
Emporia.

Parker, Irene, (4).
Emporia.

Parmley, E. C., (N-1).
Hutchinson.

Parmley, Leslie W., (N-1).
Hutchinson.

Parrington, Mary Louise, (4).
Emporia.

Parrish, Ben, (N-1).
Emporia.

Parrish, Belma, (N-2a).
Emporia.

Parsons, Virginia, (1).
Emporia.

Paterson, Elizabeth, (C-1).
Chanute.

Patrick, Herman, (N-3a).
Howard.

Patterson, Geneviere, (N-3).
Barnes.

Patterson, Mabel M., (C-1).
Neodesha.

Patty, Mary, (C-2).
Emporia.

Paul, Fred S., (C-1).
Garnett.

Pauli, Caroline, (C-1).
Bern.

Paxton, Mamie, (N-1).
Emporia.

Paxton, Mildred, (N-3).
Emporia.

Payne, Dorothy, (C-1).
Emporia.

Payne, Lulu, (N-1a).
Howard.

Payne, Norma Louise, (C-3).
Emporia.

Pearsall, Keith, (N-2).
Santa Fe.

Peibler, Barbara E., (1).
Emporia.

Pelzell, Pansy, (C-2).
Harper.

Pember, Goldie, (4).
Emporia.

Pember, Robert, (1).
Emporia.

Pence, Lulu, (N-1, 4).
Baldwin.

Pence, Pearl, (N-1).
Baldwin.

Penn, Pertilla, (C-2).
Atchison.

Pennington, Thos., (N-3).
Emporia.

Perdue, Lois E., (5).
Muskogee, Okla.

Perkins, Birdie, (C-1).
Newton.

UNDERGRADUATES—*continued.*

Perkins, Josie, (C-1, 4).
Newton.

Perry, Bessie, C-1).
Hartford.

Perryman, Gladys, (C-1).
Ponca City, Okla.

Peterman, Chas., (N-1).
Westphalia.

Peterman, Mabelle, (C-1).
Berryton.

Peters, Helen, (1).
Emporia.

Peters, Geneviere, (1).
Emporia.

Peters, Jas. C., (C-2).
Utica.

Peters, Margaret, (1).
Emporia.

Peters, Roy S., (C-2).
Emporia.

Petersen, Daniel, (C-3).
Atlanta.

Peterson, Glenn Marie, (C-1).
Greenleaf.

Peterson, Phœbe, (N-1).
Lost Springs

Peugh, Oliva Esther, (C-3).
Hutchinson.

Pfaff, Winnifred, (C-1).
Hazelton.

Phillips, Lottie M., (C-3).
Phillipsburg.

Phillips, Willie, (N-1).
Emporia.

Pickenpaugh, Nora, (N-1).
Council Grove.

Pickett, Alma L., (C-1).
Emporia

Pierson, Lola F., (C-1).
Emporia.

Pierson, Wren W., (N-1a).
Burlington.

Pike, Laura Lee, (N-2a).
Sycamore.

Ping, Jessie, (N-1a).
Langdon.

Plott, Roy D., (N-1).
Green.

Plumb, Caroline S., (5).
Emporia.

Plumb, Mary A., (5).
Emporia.

Plummer, John A., (N-1).
Emporia.

Plummer, Robert, (N-1).
Emporia.

Pocock, E. C., (7).
Emporia.

Pohl, Dorothy, (N-1).
Baldwin.

Pollard, Florence, (N-3).
Bucklin.

Polley, Walter, (1).
Emporia.

Pollock, L. Frances, (C-1).
Arkansas City.

Pomeroy, Chas. F., (C-1).
Emporia.

Pospisil, Chas. W., (C-1).
Marion.

Posma, R. A., (C-1).
Richland.

Potter, Elizabeth, (C-4).
Emporia.

Potts, Winnifred, (N-1).
Hazelton.

Powell, Myrtle, (N-2a).
Leavenworth.

Powers, Mary, (N-1a).
Emporia.

Prather, Achsah, (N-3).
Oakley.

Prather, Nellie, (N-3, 4).
Protection.

Pratt, Ella E., (N-3).
Emporia.

Pratt, Eva Mary, (1).
Emporia.

Pratt, Berne Rogers, (N-1).
Emporia.

Prescott, Nora, (C-3).
Emporia.

Prescott, Russell M., (N-1, 4).
Emporia.

Price, Arthur, (N-1).
Emporia.

Price, Blanche, (4).
Earlton.

Price, Manford, (N-1).
Emporia.

Priest, Howard, (N-2).
Emporia.

Pringle, Margaret, (N-2).
Rose.

Proctor, George Louis, (N-2).
Le Roy.

Prowant, Vernie M., (N-2).
Quay, Okla.

Pughe, Margaret, (N-1).
Emporia.

Pyle, Anna Louisa, (C-2).
Americus.

Pyle, Bess, (C-1).
Emporia.

Pyle, Bryan, (1).
Emporia.

UNDERGRADUATES—*continued.*

Pyle, Edna, (C-4).
Emporia.

Pyle, Howard, (N-1).
Emporia.

Pyle, Lela, (4).
Emporia.

Pyle, Thomas, (N-3).
Americus.

Purkey, Albert, (N-1).
Hoyt.

Quick, Jessie, (N-3).
Harveyville.

Ragin, Mabel, (C-1).
Burlingame.

Ragle, Florence, (C-2).
Iola.

Railsback, Katherine, (N-2).
Langdon.

Railsback, Mary E., (C-1).
Langdon.

Railsback, Nellie G., (C-1).
Langdon.

Ramsburg, A., (N-2).
Emporia.

Ramsburg, Elsa, (N-3).
Emporia.

Ramseyer, Katherine, (N-2).
Emporia.

Ramseyer, Margaret, (1).
Emporia.

Randall, Irene, (C-1).
Belleville.

Randolph, Florence, (1).
Emporia.

Randolph, John, (1).
Emporia.

Rankin, J. O., (N-1).
Emporia.

Rauscher, Frank, (1).
Emporia.

Ray, Orlye M., (N-1).
Atlanta.

Raybourne, Iva, (N-1).
Mount Ida.

Raymond, Anna, (C-2).
Scranton.

Raymond, Jesse C., (N-1).
Haven.

Rea, Laura R., (C-3).
Miltonvale.

Read, Dessa, (N-2).
Ottawa.

Reangh, George, (N-3).
Burns.

Rech, Edna, (N-1).
Howard.

Record, Grace, (C-1).
Chanute.

Rector, Clara M., (C-2).
Emporia.

Reeble, Irma, (1).
Emporia.

Reeble, Rudolph, (1).
Emporia.

Reed, Bessie, (N-2, 4).
El Dorado.

Reed, Blanche, (C-1, 4).
Pontiac.

Reed, Mrs. C. G., (C-1).
Oklahoma City, Okla.

Reed, Helen, (N-3).
Bennington.

Reed, Irma, (N-1).
Logan.

Reed, Janie, (N-1a).
Logan.

Reed, Philadelphia, (N-3).
Topeka.

Rees, Decatur, (1).
Emporia.

Rees, Edith King, (C-1).
Downs.

Rees, Ernest C., (C-1).
Girard.

Rees, Irma, (N-1).
Emporia.

Rees, May C., (N-2, 4).
Emporia

Rees, Olive, (C-1).
Emporia.

Rees, W. G., (C-3).
Grantville.

Reeves, Marie E., (N-3).
McAlester, Okla.

Reeves, Theron, (N-1).
Emporia.

Renfeld, Orville, (N-1).
Westphalia.

Remer, Bessie, (1).
Emporia.

Remy, Lester, (1).
Emporia.

Reppert, J. C., (N-1a).
Codell.

Reser. Antoinette, (C-3).
Bigelow.

Retschlog, Esther, (N-1, 4).
Emporia.

Reuter, Sophia, (N-2).
Hamlin.

Rhine, Orin M., (C-3).
Washington.

UNDERGRADUATES—*continued.*

Rhodes, Rosa N., (N-2).
Emporia.

Rice, Merton N., (N-2a).
Marion.

Rich, Birdie, (4).
Emporia.

Rich, Elsie, (4).
Emporia.

Richards, Florine, (4).
———.

Richards, Hazel, (C-1).
Minneapolis.

Richards, Marvin, (N-3).
Howard.

Richardson, Ada L., (C-3).
Belle Plaine.

Richardson, Celia, (C-1).
Moline.

Richardson, Effie L., (N-2a).
Moline.

Richie, Lillie, (N-1).
Emporia.

Richman, Mildred, (N-1a).
Earlton.

Richman, Will, (N-3).
Earlton.

Rieniets, Gerald C., (N-3).
Pratt.

Rieniets, Louise, (N-2a).
Pratt.

Riffle, Elizabeth, (N-1).
Ramona.

Riggs, H. Victor, (C-1).
Florence.

Rightly, Catherine, (C-1, 4).
Salina.

Riley, Le Roy, (N-1).
Paola.

Rimmer, Estella, (N-2, 4).
Garnett.

Rindom, Laverna, (1).
Emporia.

Rindom, Ora G., (N-2a).
Emporia.

Ring, Fulton D., (N-1).
McPherson.

Rishel, Bella Beth, (1).
Emporia.

Rishel, Warren C., (C-1).
Emporia.

Ritchie, Evanella, (1).
Emporia.

Ritchie, Morris, (1).
Emporia.

Roach, Harry, (1).
Emporia.

Robbins, Esther, (C-1).
Emporia.

Robbins, Winona, (4).
Emporia.

Roberts, Allen, (N-1).
Emporia.

Roberts, Bessie M., (C-3).
Emporia.

Roberts, Bettie, (4).
Lebo.

Roberts, Grace, (N-3).
Emporia.

Roberts, Richard, (1).
Emporia.

Roberts, William, (1).
Emporia.

Robertson, Maude May, (C-4).
Emporia.

Robertson, Millie L., (N-3).
Emporia.

Robinson, Mrs. C. M., (C-2, 4).
Emporia.

Robinson, Ina, (N-1).
Melvern.

Robinson, Rhoda K.,
Spring Hill.

Rochat, Lindsay, (N-3).
Council Grove.

Rockford, Jennie M., (N-1a).
Emporia.

Rockford, Maude, (N-1a).
Alta Vista.

Rockhill, Orville, (1).
Emporia.

Rogers, Alice, (N-2, 4).
Emporia.

Rogers, Anna, (N-3).
Collinsville.

Rogers, Eugene, (N-1).
Sawyer.

Rogers, R. Anna, (N-4).
Emporia.

Rollman, Helen K., (N-4).
Brookville.

Ross, Evelyn Louise, (N-3).
Ness City.

Ross, Irving D., (N-1a).
Cedar Vale.

Rost, Fred, (N-1).
Wauneta.

Roth, Gertrude Olive, (1).
Emporia.

Rothrock, Fay, (N-3).
Lawrence.

Rowan, Clyde C., (C-1).
Buffalo.

Rowan, Jessie, (N-1).
Buffalo.

Rowland, Marguerite, (4).
Emporia.

UNDERGRADUATES—*continued.*

Rufi, John, (N-1a).
Urbana.

Ruggles, D. M., (N-1).
Stafford.

Ruley, Nelle, (C-1).
Belleville.

Rundus, Amos, (N-2).
Munden.

Rundus, Benj., (N-2).
Munden.

Rundus, Emma A., (N-3a, 4).
Munden.

Running, Ida Louise, (3, 4).
Atchison.

Russell, Irene, (N-1).
Howard.

Russell, Lucy, (N-2).
Tyro.

Ruth, Mary, (C-1).
Horton.

Saintabin, Ethel M., (N-1a).
Westphalia.

Salee, John A., (C-2).
Ottawa.

Sams, Lillie, (N-3).
Centralia.

Samson, Paul, (2).
Emporia.

Samuel, Edna A., (1).
Emporia.

Samuel, Harry, (1).
Emporia.

Samuel, Owen George, (2).
Emporia.

Samuel, Ralph C., (N-2).
Emporia.

Samuelson, Edith, (C-1).
Axtell.

Sandberg, Laura, (5).
McPherson.

Satterlee, Mabel C., (C-2).
Nortonville.

Saueressig, Ivy, (N-1).
Emporia.

Saueressig, May, (N-1).
Emporia.

Saulter, Roela, (1).
Emporia.

Sawhill, Florence, (C-4).
Concordia.

Sawyer, Neva, (C-1).
Fowler.

Schadt, Sophie, (N-1).
Valley Falls.

Schaffner, Daniel, (1).
Emporia.

Schenck, Helen, (C-1).
Fairmount.

Schermann, Emma, (C-1).
Neodesha.

Schermerhorn, Margaret, (2).
Emporia.

Schlageter, Merle, (N-1).
Osage City.

Schlageter, Myrtle A., (N-1).
Osage City.

Schlink, Nina L., (N-1a).
Carbondale.

Schmitt, Bertha M., (C-1).
Moundridge.

Schooler, Beulah, (N-1a).
Hiawatha.

Schultz, Nelle, (N-4).
Kenneth.

Scott, Archie, (C-1).
Lansing.

Scott, Edith Grace, (N-3).
Fowler.

Scott, Helen, (C-1).
Herington.

Scott, Kenneth, (2).
Emporia.

Scott, Mabel, (N-4, 4).
Fort Scott.

Sculley, Florence, (C-1).
Colony.

Seacat, Dona, (N-1).
Ashland.

Seacat, Gracia, (C-1).
Ashland.

Seaver, Wirt D., (C-1).
Chanute.

Sechrist, Mary, (C-1).
Meriden.

Sedgwick, Nellie, (N-3).
Reading.

Sego, Tina, (N-1).
Arrington.

Sellers, Mamie, (4).
Grenola.

Sellers, Zelma, (4).
Grenola.

Settle, Eulalia, (C-1).
Burlington.

Sexton, Lillie, (N-1, 4).
Abilene.

Sexton, Lucile, (C-1).
Fall River.

Shade, Lorena, (N-3).
Ottawa.

Shaffer, Blanche, (C-1).
Valley Falls.

Shanahan, Katherine, (N-4, 4).
Salina.

Shannon, Elizabeth, (N-1).
Fredonia.

UNDERGRADUATES—*continued.*

Shanteau, Ethel F., (N-1).
Stafford.

Sharp, Jessie, (C-1).
Council Grove.

Sharp, Susie Mae, (N-1).
Riley.

Shaw, Mrs. Della, (C-1).
Emporia.

Shaw, Elmer, (1).
Emporia.

Shaw, Fred, (N-1).
Emporia.

Shaw, Irene, (N-1).
Emporia.

Shaw, Roy H., (N-1a).
Galesburg.

Shaw, Violet, (2).
Emporia.

Shedivetz, Albert, (N-1).
Severy.

Shepherd, Anna, (C-1).
Leavenworth.

Sheridan, George, (N-4, 4).
Emporia.

Shewmaker, Ethel M., (C-1).
Bolckow, Mo.

Shewmaker, Letha D., (C-1).
Bolckow, Mo.

Shipherd, Matie, (C-1).
Enid, Okla.

Shippy, Ada, (C-3, 4).
Chapman.

Shires, Nellie, (N-3a).
Emporia.

Shobe, May, (N-1a).
Strawn.

Short, Wedell Reed, (1).
Emporia.

Shryack, Dora, (N-1, 4).
Eagle, Colo.

Shuey, Ada, (C-2, 4).
Emporia.

Shuey, Ray L., (C-1).
Emporia.

Shumate, Blanche E., (C-1).
Eskridge.

Sickler, Edna, (N-2).
Emporia.

Simmons, Fred, (N-2).
Waverly.

Simpson, Harold, (N-1).
Emporia.

Simpson, Howard, (1).
Emporia.

Simpson, Margaret, (C-1).
Council Grove.

Simpson, Mattie, (1).
Emporia.

Simpson, Paul, (1).
Emporia.

Simpson, Roscoe, (1).
Emporia.

Simpson, Ruth, (N-3).
Emporia.

Sinclair, Dora, (C-1).
Topeka.

Skinner, Alta W., (C-1).
Stafford.

Skinner, Carl, (C-2).
Burden.

Skoglund, D. S., (C-3).
Jamestown.

Skoog, Ruth, (N-1).
Scranton.

Slater, James, E., (N-3).
Hamilton.

Sloan, Herbert Lewis, (2).
Emporia.

Sloan, James C., (C-2).
Eskridge.

Sloan, Jennie A., (C-1).
Zenda.

Slocum, June, (C-1).
South Omaha, Neb.

Slough, Katherine, (N-3a).
Quincy.

Sloyer, George, N-2, 4).
Solomon.

Smelser, Edgar, (1).
Emporia.

Smelser, Ora, (4).
Emporia.

Smercheck, Lillian, (C-1).
Blue Rapids.

Smiley, Verna, (C-1).
Silver Lake.

Smith, Carl, (C-1).
Tonkawa, Okla.

Smith, Earl Gilman, (N-2).
Olpe.

Smith, Edgar, (1).
Emporia.

Smith, Edna, (1).
Emporia.

Smith, Ernest R., (5).
Hartford.

Smith, Eva P., (C-1).
Salina.

Smith, Hart, (N-3).
Benton.

Smith, Howard, (1).
Emporia.

Smith, Hazel, (C-1).
Emporia.

Smith, Irl, (N-1).
Kincaid.

UNDERGRADUATES—*continued.*

Smith, Julia Alice, (C-2).
Iola.

Smith, Lillian Ray, (N-3).
Benton.

Smith, Manley, (1).
Emporia.

Smith, Marie, (5).
Emporia.

Smith, Mary O., (C-2).
Lincoln.

Smith, Myrtle, (C-1).
Enterprise.

Smith, Nora E., (N-3).
Parsons.

Smith, Ora, (C-1).
Emporia.

Smith, Paul, (1).
Emporia.

Smith, Pearl, (N-2).
Atchison.

Smith, Ralph H., (C-2, 4).
Kincaid.

Smith, Russell J., (N-1).
La Harpe.

Smith, Sam J., (N-1).
Florence.

Smith, Vera, (N-1a, 4).
Sharon.

Smith, Winnie, (N-1).
Minneapolis.

Smyth, Hazel E., (N-1).
Glasco.

Snedeker, Mary L., (N-4).
Emporia.

Sneed, Mrs. Neva, (N-4).
Sedan.

Snider, Ethel, (C-1).
Sabetha.

Snider, Mosse, (C-1, 4).
Mound City.

Snodgrass, Leota, (N-3).
Council Grove.

Snyder, Elmer L., (C-2).
Iola.

Snyder, M. Harriette, (N-2).
Potwin.

Snyder, J. R., (N-3).
Haven.

Soden, Margaret, (1, 4).
Emporia.

Sonnedecker, Ruth, (1).
Emporia.

Sonnedecker, Vesta, (N-3).
Emporia.

Soper, Austin, (N-4).
Emporia.

South, Jay, (N-3).
Kansas City.

South, Julia, (C-1, 4).
Kirwin.

South, Nina, (C-1).
Kirwin.

Southard, Alberta, (1).
Emporia.

Southard, Hazel, (1, 4).
Emporia.

Southard, Jake, (1).
Emporia.

Spady, E. A., (N-3).
Lincolnville.

Spangler, Hazel C., (C-1).
Hamlin.

Sparks, Sara, (N-3).
Westmoreland.

Sparks, Vera, (N-1).
Emporia.

Speer, Chas. A., (C-3).
Howard.

Speer, D. Anna, (C-4).
Effingham.

Speirs, Agnes, (N-3, 4).
Elk City.

Speirs, Martha A., (N-2, 4).
Elk City.

Spencer, Ambrose, (N-1).
Emporia.

Spencer, Barclay, (N-1).
Emporia.

Spencer, C. W., (C-1).
Emporia.

Spencer, Edward D., (C-1).
Emporia.

Spencer, Elsie, (C-1).
Almena.

Spencer, Ethel, (1).
Emporia.

Spencer, Eva, (1).
Emporia.

Spencer, Harlan, (N-1).
Emporia.

Spencer, Mary Dorothy, (C-3).
Emporia.

Spencer, R. K., (C-1).
McCune.

Spiers, Leah, (C-1).
Broughton.

Spillman, Jacob, (N-1).
Coyville.

Spilman, Glen, (1).
Emporia.

Sprague, Elizabeth, (1).
Emporia.

Sprague, Ethel, (C-1).
Rosedale.

Sprague, George, (1).
Emporia.

UNDERGRADUATES—*continued.*

Sproul, Thos. I., (N-1).
El Dorado.

Squire, O. E., (C-1).
Bucklin.

Squires, Mildred R., (C-1).
Neodesha.

Staate, Earl, (1).
Emporia.

Staats, Ralph, (1).
Emporia.

Stafford, Bonzetta, (N-2).
Emporia.

Standish, Myrtle F., (C-1).
Garnett.

Starbeck, Hazel, (1).
Emporia.

Stanley, Halston, (N-1).
Emporia.

Stanley, Lea, (N-1).
Emporia.

Starit, Warren, (N-1).
Garnett.

Stark, Leonard, (N-1).
Elk City.

Stark, Marion, (N-3).
Elk City.

States, Kate, (N-1a).
Emporia.

States, Nannie, N-1a).
Toronto.

Steadman, Hazel, (1).
Emporia.

Stearns, Eva, (N-3).
Linn.

Steckel, Ida, (N-2).
Woodbine.

Steckel, Minnie, (C-2).
Woodbine.

Steckel, Wm., (N-1).
Woodbine.

Steele, Agnes B., (N-3).
Partridge.

Stenger, Barbara, (N-3).
Wayne.

Stephenson, H. H., (N-3).
Fredonia.

Sterling, B. Ressia, (N-1).
Wauneta.

Stevens, Edwin, (N-2).
Edmond.

Stevenson, A. G., (N-2a).
Axtell.

Stevenson, Jas. A., (N-1).
Emporia.

Stewart, Grace E., (C-1).
Salina.

Stewart, Jessie, (N-3).
Americus.

Stewart, Mary, (N-1).
Admire.

Stewart, Maude, (N-1a).
Drexel, Mo.

Stiles, Ethel, (N-4).
Crestline.

Stiles, Russell, (N-1).
Parker.

Stilwell, Helen, (C-1).
Eureka.

Stipp, Floy, (N-1).
Urbana.

Stivison, Roy Edwin, (C-1).
Lyndon.

Stocker, Arena, (N-3).
Harper.

Stogdill, Tresa, (N-3, 4).
Concordia.

Stollar, Letha, (N-1).
Kensington.

Stollar, Mabel, (N-1).
Kensington.

Stone, Elmer, (1).
Emporia.

Stone, Grace, (4).
Emporia.

Stone, Neva, (N-1).
Barnes.

Stonebreaker, Earle, (N-1).
Emporia.

Stout, Elsie, (N-2).
Emporia.

Stout, Nellie, (1).
Emporia.

Stowell, Bessie, (N-3, 4).
Hutchinson.

Stowell, Mabel, (2).
Hutchinson.

Stradal, Carrie A., (C-2).
Collyer.

Straight, Samuel G., (N-1a).
Sedan.

Strawman, Jennie, (N-3a).
Emporia.

Strawman, Marjorie, (1, 4).
Emporia.

Streiff, Ida, (N-3).
Ensing.

Striely, Helen, (N-3).
Burlington.

Strode, Leona, (C-1).
Iola.

Strode, Verna Alma, (C-2).
Iola.

Strode, Virgil, (N-2).
Iola.

Strong, Cora, (N-3).
Overbrook.

UNDERGRADUATES—*continued.*

Strong, Edward Raymond, (2).
Emporia.

Strutzel, Martha, (N-1).
Olpe.

Strutzel, Theresa, (N-1).
Olpe.

Strube, Agnes, (1).
Emporia.

Strube, Ernest, (1).
Emporia.

Strube, Eunice, (1).
Emporia.

Strube, Mildred, (2).
Emporia.

Strube, Paul, (1).
Emporia.

Suddock, Elizabeth, (1).
Emporia.

Suddock, Mabel O., (2).
Emporia.

Sudgden, Jessie, (N-1).
Buffalo.

Sugg, Samuel Everett, (N-2).
Dodge City.

Swagerty, Maude, (C-1).
Eskridge.

Swearngin, Katherine, (1).
Emporia.

Swearngen, Loreene, (1).
Emporia.

Sweeney, Nanelon, (C-1, 4).
Arkansas City.

Sylvester, Ida, (N-2a).
Riley.

Tannerhill, Goldie E., (N-1).
Danville.

Tarr, Carl V., (C-1).
Paola.

Taylor, Alma, (N-1).
Zeandale.

Taylor, Elizabeth, (C-1).
Sedgwick.

Taylor, Kate Agnes, (3).
Emporia.

Taylor, Lee J., (C-3).
Emporia.

Taylor, Lizzie, (N-2a).
Arkansas City.

Taylor, Mary, (C-1).
Fort Scott.

Taylor, Nettie, (C-1).
Almena.

Taylor, Olive, (N-1).
Geneva.

Taylor, Pearl E., (5).
Independence.

Teague, Mamie A., (C-1).
Muskogee, Okla.

Teichgraevner, Florine, (4).
Emporia.

Telford, Donald, (1, 4).
Emporia.

Telford, Jaunita, (2, 4).
Emporia.

Telford, Laverne, (1, 4).
Emporia.

Telford, Margherita, (1, 4).
Emporia.

Tennyson, Isla Beall, (C-2).
Muskogee, Okla.

Tennyson, May Elsie, (C-1).
Muskogee, Okla.

Terry, Myrtle M., (C-1).
Fort Scott.

Tesh, Winnie G., (N-1a).
Howard.

Tholen, Amelia, (C-1).
Humboldt.

Thomas, Dora, (N-3).
Emporia.

Thomas, Edgar H., (C-3).
Emporia.

Thomas, Elizabeth, (N-1).
Emporia.

Thomas, Esther M., (N-1a, 4).
Ogden.

Thomas, Esther, (2).
Emporia.

Thomas, Harry, (N-2a).
Fort Dodge.

Thomas, Margaret, (C-2).
Emporia.

Thomas, Mona, (C-1).
Topeka.

Thomas, Olive, (N-3).
Peru.

Thomas, Ruth, (N-2).
Emporia.

Thomas, Theodore, (1).
Emporia.

Thomas, Wm. H., (N-3).
Emporia.

Thompson, Ethel, (C-1).
Junction City.

Thompson, Glen, (N-1).
Moran.

Thompson, Lenore, (N-4).
Emporia.

Thompson, Mary Evans, C-1).
Mankato.

Thompson, Merritt E., (N-3).
Independence.

Thompson, Myrtle, (N-1).
Dunlap.

Thompson, Nellie, (C-1).
Grenola.

UNDERGRADUATES—*continued.*

Thompson, Wm. R., (N-4).
Brownell.

Thomson, Grace C., (C-1).
Emporia.

Throndson, Irene, (N-2a, 4).
Farlington.

Tinkler, Rosa, (C-1).
Gypsum.

Tischhauser, Lula, (N-1a).
Wilsey.

Tisdale, Ariel, (C-1).
Russell.

Titus, Albert, (N-4).
Sycamore.

Todd, Bessie, (C-1).
Emporia.

Todd, Nellie, (N-2).
Emporia.

Tomlinson, Jno. R., (N-3).
Grenola.

Tomlinson, Rose, (N-1).
Bonner Springs.

Topping, Mary Louise, (C-2).
Cedar Point.

Torrence, Mary, (N-1).
Reading.

Totton, G. Wilbur, (N-1a, 4).
Medicine Lodge.

Townsend, Janie, (N-4).
Girard.

Traylor, Kenneth P., (2).
Emporia.

Traxler, Arthur, (1).
Emporia.

Traxler, E. C., (C-1).
Vliets.

Treadway, Arthur, (1).
Emporia.

Treadway, F. T., (C-3, 4).
Emporia.

Triggs, Nelle, (N-1).
Emporia.

Triplett, Dorothy, (1, 4).
Emporia.

Tripp, Joy, (4, 1).
Emporia.

Tripp, Martha, (4).
Emporia.

Troutman, Marie, (N-1, 4).
Council Grove.

Trull, Mary, (C-1, 4).
Garden City.

Trumble, Robert, (1).
Emporia.

Trusdale, Grace, (C-1, 4).
Emporia.

Trusler, Ivan, (N-3).
Emporia.

Turner, Clair K., (4).
Chanute.

Turner, Rosa, (N-1a).
Overbrook.

Ullman, Margaret, (N-1a).
Severy.

Umbarger, Cora E., (N-3).
Newton.

Ungles, James, (N-1).
Arlington.

Urmey, Charles,
Emporia.

Urmey, Clara, (1).
Emporia.

Utterback, Madge W., (4).
Caney.

Vandenburg, Grace, (N-3).
Bushong.

Van Gundy, Ethel, (4).
Neosho Rapids.

Van Nice, Fred. N., (N-3a).
Richland.

Van Nice, Pearl, (C-1).
Richland.

Van Nordstrand, Kate, (C-1).
Le Roy.

Van Scoik, R. H., (C-1).
Aulne.

Van Voris, Lucile, (1).
Emporia.

Van Voris, Rena, (1).
Emporia.

Van Voris, W. A., (C-3).
Emporia.

Van Verthe, Rebecca, (N-3).
Baileyville.

Van Zunt, Herman, (2).
Emporia.

Vascalde, Maggie, (N-1).
Rossville.

Vaughn, Beulah, (1).
Emporia.

Vaughn, Ernest Henry, (2).
Emporia.

Vaughn, Iva, (N-1).
Baldwin.

Venables, Mabel, (N-4a).
Bellaire.

Vermillion, Cecil, (1).
Emporia.

Vermillion, Lillian E., (C-3).
Emporia.

Vermillion, Vera May, (1).
Emporia.

Vernon, Lee W., (C-3).
Emporia.

Vernon, Marie, (5).
Emporia.

UNDERGRADUATES—*continued.*

Vincent, Louise, (C-1).
Emporia.

Vincent, Sister Marie, (C-2).
Leavenworth.

Vinson, Dewey, (1).
Emporia.

Voelrath, Pearl, (1).
Emporia.

Vollmer, Caroline, (4).
Emporia.

Wade, Elizabeth, (C-1).
Emporia.

Wagaman, Frank, (N-1a).
Strawn.

Wagner, Helen, (N-4).
Abilene.

Wait, Ray G., (C-1).
Penalosa.

Walker, E. A., (C-2).
Emporia.

Walker, Hazel, (N-1, 4).
Emporia.

Walker, J. A., (N-1).
Emporia.

Walker, Martha, (1).
Walker.

Walker, Mrs. Nellie W., (C-2).
Emporia.

Walker, Rachael F., (C-1).
Concordia.

Wallace, Clark, (N-2).
Ness City.

Wallace, Elizabeth, (C-1).
Emporia.

Wallace, Fern, (1).
Emporia.

Wallace, Harry D., (C-1).
Waverly.

Wallace, Ray, (C-1).
Emporia.

Wallace, Rose, (1).
Emporia.

Wallen, Ruth, (9).
Humboldt.

Walters, Fred C., (C-1).
Toronto.

Walters, Harry, (N-1).
Earlton.

Walton, Zella, (1).
Emporia.

Ward, Vannie E., (N-3, 4).
Emporia.

Warner, Ione, (C-1, 4).
Burlingame.

Warner, Ruby F., (C-1).
Burrton.

Warren, Clinton F., (N-2a).
Emporia.

Warren, Imogene, (1).
Emporia.

Warren, Mabel, (C-1).
Ardmore, Okla.

Warren, Marshall, (1).
Emporia.

Warren, Mrs. Maude B., (N-1).
Emporia.

Warren, Mary Emily, (1).
Emporia.

Warrender, Albert, (C-2).
Douglass.

Washam, Julia, (N-3, 4).
Enid, Okla.

Waters, E. Lena, (C-1).
La Harpe.

Waterbury, Willie, (N-1).
Emporia.

Waterfall, Effie, (N-3).
White Water.

Watkins, Ethel, (N-3).
Mount Ida.

Watkins, Evangeline, (1, 4).
Emporia.

Watkins, Gwendolyn, (1, 4).
Emporia.

Watkins, John, (1, 4).
Emporia.

Watkins, Thomas, (1).
Emporia.

Watson, Nellie M., (C-3).
Alva, Okla.

Watson, W. M., (N-3).
Geneseo.

Watts, Laura, (N-1).
Lawrence.

Way, Ida M., (C-1).
Elmdale.

Wayland, Jack, (2).
Emporia.

Wayland, John G., (N-3, 4).
Girard.

Wayman, Pearl, (C-1, 4).
Emporia.

Weatherbee, Hazel, (N-1).
Emporia.

Weatherly, Albert, (N-2).
Emporia.

Weatherly, Marie, (C-1).
Emporia.

Webb, Mary, (N-3).
Toronto.

Webster, Naupathis M., (C-1).
Emporia.

Weed, Mrs. Edna, (N-4, 4).
Athol.

Weed, F. E., (4).
Athol.

UNDERGRADUATES—*continued.*

Weesner, Dorothy, (1).
Emporia.

Wegley, Addie M., (C-3, 4).
Emporia.

Wegley, Inez E., (C-3, 4).
Emporia.

Weichans, Julius, (N-2).
Marion.

Weidenheemer, V. M., (N-3a).
Linn.

Welch, Kenneth, (1, 4).
Emporia.

Welch, Marion (1, 4).
Emporia.

Welch, Myrtle L., (N-3).
Haddam.

Welden, Ethel, (N-1).
Sylvia.

Wells, Donald, (N-1).
Emporia.

Wells, Mrs. Louella, (4).
Emporia.

Welton, Mary M., (C-1).
Topeka.

Welton, Nettie, (4).
Topeka.

Weemer, Adelaide M., (N-1).
Princeton.

Wenger, Marie, (N-3).
Junction City.

Wentz, Effie, (C-1, 4).
Burlington.

Wenzel, Bennett, (1).
Emporia.

Werner, Ruth, (C-2).
Alden.

Werther, Caroline M., (C-3).
*Ashton.

Werther, Della, (N-1).
Ashton.

West, Elizabeth, (C-1, 4).
Yates Center.

West, Jessie A., (C-1).
Uniontown.

Weyler, Will, (C-1).
Emporia.

Whitby, Irene A., (4).
Emporia.

Whitby, Lillian, (C-4).
Emporia.

Whitcomb, Merton C., (C-1).
Cedar Point.

White, Carl, (N-1).
Emporia.

White, Della E., (C-1).
Newton.

White, Fred, (N-3a).
Toronto.

White, Florence, (N-1a).
Castleton.

White, Katheryn, (N-1a).
Castleton.

White, W. P., (C-2).
Le Roy.

White, Vera, (C-1).
Quenemo.

Whitehouse, Ada Mary, (N-1).
Eskridge.

Whitely, Ernest, (1).
Emporia.

Whitely, Otis, (1).
Emporia.

Whitney, Frank Ivan, (N-4).

Whitney, Pauline, (N-1).
Reading.

Whittemore, Bertha, (N-1).
Emporia.

Whittemore, Caroline, (N-1).
Emporia.

Widick, Irene, (4).
Emporia.

Wieland, Clara M., (N-2).
Hartford.

Wier, Mae, (C-2).
Blue Mound.

Wiggam, Winnifred, (1, 4).
Emporia.

Wilcoxson, Myrtle, (C-3).
Emporia.

Wiles, Jennie M., (C-1).
Canton.

Wiley, Beulah B., (N-3a).
Olathe.

Wilks, Alice, (4).
Emporia.

Wilks, Bessie, (1).
Emporia.

Wilks, Eva, (1).
Emporia.

Wilks, Gladys, (2).
Emporia.

Wilks, Lloyd, (1).
Emporia.

Wilks, Mabel, (1).
Emporia.

Wilks, Otis, (1).
Emporia.

Williams, Bessie, (N-3).
Russell Springs.

Williams, Carrie M., (N-1a).
White City.

Williams, Curtis T., (C-3).
Emporia.

Williams, Dolphus, (C-1).
Langdon.

UNDERGRADUATES—*continued.*

Williams, Elizabeth, (C-1).
Emporia.

Williams Ella, (N-2a).
Hazelton.

Williams, Emma, (1).
Emporia.

Williams, Ethel, (5).
Emporia.

Williams, Frank T., (C-1).
Medicine Lodge.

Williams, Laura, (N-2).
Fairmount.

Williams, Lewis, (4).
Emporia.

Williams, Mary, (C-4).
Emporia.

Williams, Maude, (4).
White City.

Williams, Verbena V., (N-3).
Emporia.

Williamson, Clarence D., (2)
Emporia.

Williamson, Dicy E., (N-3).
Stark.

Williamson, Esther, (N-1).
Dunlap.

Willson, Dee, (N-1a).
Garnett.

Willson, Grace, (N-3).
Garnett.

Wilson, Avis, (C-3, 4).
Hartford.

Wilson, Colene, (1).
Emporia.

Wilson, Ethel, (C-3).
Enid, Okla.

Wilson, Gertrude, (N-2).
Emporia.

Wilson, Helen, (N-3).
Parker.

Wilson, Inez, (N-2).
Moline.

Wilson, John L., (N-3).
Elk City.

Wilson, Marie, (N-2).
Emporia.

Wilson, Mary C., (N-3).
Bennington.

Wilson, Minnie B., (C-1).
Topeka.

Wilson, Molly, (N-1).
Emporia.

Wims, Keziah, (C-2).
Topeka.

Winans, Ruby, (N-1).
Galesburg.

Wind, Adolph, (5).
Emporia.

Wingfield, Clara E., (N-1).
Council Grove.

Winston, J. C., (C-2).
Lawrence.

Wishard, Opal, (C-1).
Emporia.

Wishard, Ula, (N-1, 4).
Emporia.

Wolf, Ollie, (C-1).
Elk City.

Wolfe, Abbie Ellen, (N-3).
Humboldt.

Wolfe, Laura, (4).
Lyndon.

Wood, Clinton, (N-1).
Emporia.

Wood, Ernest, (1).
Emporia.

Wood, Frank, (1).
Emporia.

Wood, Grace M., (4).
Reading.

Wood, Jack, (2).
Emporia.

Wood, Rose, (1).
Emporia.

Wood, W. A., (C-1).
Bluford, Ill.

Woodard, Byron, (1).
Emporia.

Woodard, Hazel, (1).
Emporia.

Woodbury, Philip, (1).
Emporia.

Woods, Grace, (N-1).
Council Grove.

Woodward, Faye, (C-1).
Richland.

Woodward, Grace, (9).
Odin, Ill.

Wooster, Dwight, (C-4).
Emporia.

Wooster, Florence, (C-2).
Emporia.

Wooster, Ruth E., (C-4).
Emporia.

Wooster, Vera, (C-1).
Erie.

Workman, Lawrence, (1).
Emporia.

Wren, Eva, (C-2).
Kincaid.

Wren, Iva, (C-2).
Kincaid.

Wright, Edna, (1).
Emporia.

Wright, Florence M., (C-2).
Reading.

UNDERGRADUATES—*continued.*

Wright, Hiram, (1).
Emporia.

Wright, Imogene, (N-2).
Emporia.

Wright, Kenneth, (1).
Emporia.

Wright, Warren, (1).
Emporia.

Wright, Zilma, (C-1).
Bronson.

Wyatt, Grace, (4).
Concordia.

Wyatt, May, (N-2a).
Concordia.

Yearout, Chrissie, (4).
Dunlap.

Yeiter, Vella, (C-1).
Rovanna.

Yokum, Verda, (N-2).
Welda.

Young, Crystal Ruth, (N-1).
Savonburg.

Young, Eva, (4).
Emporia.

Young, Hazel, (N-1).
Savonburg.

Young, Leslie, (4).
Bushong.

Young, O. R., (C-1).
Van Wert.

Young, Ralph R., (N-1a).
Howard.

Young, Russell, (4).
Jamestown.

Youngroot, Bertha M., (C-1).
Osage City.

Zavodsky, Anna, (N-3).
Cuba.

Zavodsky, Elmer E., (N-4).
Cuba.

Zellner, Esther, (C-1, 4).
Junction City.

Ziegler, Pearl, (C-1).
Coffeyville.

Zimmerman, Nell, (C-1).
Elsmore.

The following pupils were enrolled in the Model Rural School held in district 53, Lyon county:

Austinfeld, Henry,
Austinfeld, Robert,
Bond, Earl,
Bond, Julia,
Bond, Margaret,
Bond, Merritt,
Blackburn, Bertha,
Blackburn, Elma,
Blackburn, Ida,
Blackburn, Inez,
Brown, Fred,
Brown, Hazel,
Brown, Jennie,
Brown, Robert,
Davis, Maud,
Harris, Ross,
Moon, Inez,
Morton, Gladys,
Patch, Annie,
Patch, Florence,
Patch, John,
Patch, Mary,
Ramsburg, Armstead,
Ramsburg, Hobart,
Rickabaugh, Margaret,
Rickabaugh, Mary,
Rickabaugh, Ruth,
Rich, Gladys,
Rich, Wanda,
Richter, George,
Richter, Helen,
Shaw, Everett,
Strube, Eunice,
Truex, Ethel,
Walker, Bertha,
Walker, Hazel,
Weaver, Alton,
Weaver, Leona.

The following were enrolled in the Normal Training Institute, July 18 to 28, 1911.

Adamson, Charles R.,
Erie.

Ahlstadt, Elmer,
Phillipsburg.

Anderson, Harriett V.,
Kansas City.

Anderson, J. C.,
Greenleaf.

Armtt, Mrs. Anna,
Lawrence.

Atherton, Sarah A.,
Emporia.

UNDERGRADUATES—*continued.*

Baer, C. R.,
Abilene.

Baptist, Lucy C.,
Emporia.

Berry, O. N.,
Spring Hill.

Bosley, Vada,
Emporia.

Bouse, T. L.,
Holton.

Boyer, J. E.,
Kingman.

Bradley, Carrie Fay,
Emporia.

Bright, Ira J.,
Lansing.

Brogan, Anna H.,
Hartford.

Brown, C. C.,
Concordia.

Brown, Mrs. Cora R.,
Lucia, N. Mex.

Brown, Philip K.,
Kansas City.

Brown, Rice E.,
Emporia.

Brumbaugh, Verna,
Madison.

Carothers, N. H.,
Iola.

Carrithers, Mrs. Lulu,
Anthony.

Center, Anna M.,
Tonganoxie.

Case, Hattie E.,
Arkansas City.

Chilcott, O. M.,
Mankato.

Clymer, Edna,
Pratt.

Clymer, Pearl,
Medicine Lodge.

Colton, Martha,
Kansas City.

Cook, J. E.,
Ness City.

Cowick, Kate L.,
Kansas City.

Cox, Ellen,
Wellsville.

Crenshaw, Martha E.,
Milan.

Cromer, Mrs. Lucella,
Emporia.

Daily, B. W.,
Burrton.

Davidson, Aubrey E.,
Webber.

Davis, Mrs. Ethel,
Council Grove.

Davis, Harley,
Wichita.

Day, M. Rebecca,
Hartford.

Deardorff, C. A.,
Burlingame.

De Lay, Earle R.,
Emporia.

De Lay, Glora A.,
Emporia.

Detlor, Grace,
Grantville.

Detlor, S. F.,
Grantville.

Dickerson, Bertha Pauline,
Tonganoxie.

Dilsaver, Fanny,
Athol.

Diser, Ethel,
Neosho Falls.

Donica, Lavonia M.,
Bayard.

Drisko, Carrie,
Kansas City.

Dryden, Lockie,
Larned.

Durham, Hugh,
Dodge City.

Eaton, Joanna M.,
Kansas City.

Edgecomt, Geo.,
McPherson.

Engle, Alice,
Detroit.

Erikson, Etna H.,
Junction City.

Fawcett, Hazel,
Emporia.

Felter, Harry W.,
Delphos.

Ferguson, Lu E.,
Emporia.

Frint, Mattie L.,
Great Bend.

Fulton, E. L.,
Hope.

Gift, E. B.,
Alma.

Gorrans, H. N.,
Lawrence.

Gowans, J. W.,
Winfield.

Gowans, P. E.,
Lawrence.

Graham, Lola A.,
Lang.

UNDERGRADUATES—*continued.*

Greever, Helen,
Emporia.

Gregory, Norman,
Atchison.

Hale, Mary,
Dodge City.

Hall, Chas. A.,
Cheney.

Hall, Emily,
Emporia.

Hall, L. J.,
Newton.

Hambleton, C. S.,
Troy.

Hamilton, Bertha,
Emporia.

Harbour, Anna E.,
Herington.

Harper, M. H.,
Clyde.

Hatten, Clyde A.,
Lamar, Mo.

Heck, P. N.,
Belle Plaine.

Heitzman, W. B.,
Topeka.

Hild, Cora E.,
Emporia.

Hensley, Bert,
Buffalo.

Hensley, Mrs. J. A.,
Buffalo.

Hensley, Nellie,
Emporia.

Herbert, Mary,
Emporia.

Heritage, Ray,
La Crosse.

Hetzel, George,
Elmont.

Hensuer, W. S.,
Junction City.

Hicks, Mrs. Virginia,
Lakin.

Higgs, W. S.,
Lyons.

Hitt, J. Boyd,
Everest.

Hitt, Mrs. J. Boyd,
Everest.

Houston, J. H.,
Alma.

Howard, L. C.,
Halford.

Howard, May Belle,
Emporia.

Howard, Sherman H.,
Emporia.

Hume, M. C.,
Auburn.

Hurtig, Katherine,
Hartford.

Isaacs, June Joyce,
Meriden.

Isaacs, Osa Lee,
Meriden.

Jack, Alice,
Emporia.

Jaggard, Guy H.,
Marquette.

Jent, H. C.,
Hoxie.

Johnson, Elizabeth,
Emporia.

Jones, Nellie,
Emporia.

Jones, Sara A.,
Emporia.

Kesler, Mary G.,
Valley Center.

King, Wesley T.,
Emporia.

Laughlin, Margaret,
Atchison.

Lennen, F. W.,
Little River.

Lindly, Ivy,
Winfield.

Long, H. F.,
Emporia.

Long, Katherine Marie,
Lamont.

Long, Laura,
Geuda Springs.

Lowther, L. A.,
Emporia.

Ludlum, A.,
Emporia.

Ludlum, Mrs. Mary,
Emporia.

MacDonald, John,
Topeka.

McKean, H. W.,
Kansas City.

McKetrick, Mary,
Moran.

Marshall, Wm. T.,
Osage.

Martin, B. F.,
El Dorado.

Martin, Daisy,
Valley Falls.

Maxwell, J. J.,
Kansas City.

Meek, Kate M.,
Fort Scott.

UNDERGRADUATES—*continued.*

Metzler, L. M.,
Lincoln.

Miller, Adeline,
Olathe.

Milligan, Mary,
Holton.

Moore, Madge E.,
Topeka.

Moore, S. W.,
Hiawatha.

Morrill, F. A.,
Emporia.

Morris, Clara,
Marion.

Mundell, Mrs. Vivian,
Mound City.

Munson, Glea Beryl,
Emporia.

Mustard, Jessie,
Manchester.

Oman, C. H.,
Garnett.

Parker, R. L.,
Marysville.

Parsons, Sadie L.,
Kansas City.

Pearson, M. G.,
Kansas City.

Peek, Zemira,
Emporia.

Peppers, E. L.,
Milton.

Pett, S. U.,
Emporia.

Phenicie, Mary K.,
Peru.

Pomeroy, Wilbur J.,
Emporia.

Postma, V. E.,
Mound City.

Potter, Lillian,
Mound City.

Quein, Norma V.,
Sedan.

Rediger, Lillian,
Great Bend.

Reed, M. J.,
Garden City.

Rhodes, H. H.,
Kansas City, Mo.

Riggs, Frances A.,
Emporia.

Roberts, J. W.,
Peabody.

Robinson, A. B.,
Emporia.

Robinson, Henry J.,
Kansas City, Mo.

Rollman, T. J.,
Brookville.

Rowe, Ida,
Emporia.

Rush, Edith,
Great Bend.

Ryan, Bessie G.,
Cherryvale.

Salisbury, Edith M.,
Ness City.

Scott, Lillian,
Baldwin.

Secrest, Bessie Gay,
Emporia.

Secrest, Gertrude,
Emporia.

Shideler, J. W.,
Junction City.

Siemore, Herbert B.,
Mankato.

Skinner, Emma A.,
Olathe.

Smith, Agnes,
Woodbine.

Smith, Jessica,
Harper.

Smith, Mary E.,
Emporia.

Smith, Nora E.,
Parsons.

Soper, S. L.,
Axtell.

Sparling, Clara,
Topeka.

Starbeck, Catherine,
Emporia.

Starr, C. C.,
Topeka.

Stearns, Eva,
Linn.

Stocks, H. G.,
Mexico, Mo.

Stockwell, Dora,
Burlington.

Striely, Helen,
Burlington.

Sutcliff, Harry O.,
Mankato.

Sutcliff, R. M.,
Mankato.

Sutherland, Grace,
Ottawa.

Switzer, L. R.,
Almena.

Taylor, Alta M.,
Independence.

Thompson, Fred,
Easton.

UNDERGRADUATES—*concluded.*

Thomson, Birdena,
Emporia.

Thomson, Jeanette,
Emporia.

Todd, Bessie,
Emporia.

Tompkins, Cora,
Burlington.

Troemper, E. C.,
Louisville.

Vanfleet, H. H.,
Holton.

Venard, Mary,
Ness City.

Vickrey, Fanny R.,
Emporia.

Wagner, Chas. A.,
Emporia.

Walker, E. A.,
Emporia.

Warner, Emma,
Great Bend.

Warrington, Myrtle,
Topeka.

Waymire, Emma,
Emporia.

Weisdorfer, Eva,
Burlington.

Wells, Morris,
Emporia.

Wight, Alvin,
Antelope.

Wilkinson, W. C.,
Chicago.

Wilson, Ethel,
Enid, Okla.

Wolfe, W. H.,
Salina.

Wright, Adah,
Moran.

Wright, F. L.,
Bucklin.

Young, Russell,
Jamestown.

Kansas Counties Represented.

The following-named counties—ninety-four in all—were represented during the past year. As younger children make up the classes in the primary and intermediate departments of the Model School, the pupils listed there are largely from Emporia or from the immediate vicinity. Many pupils who are enrolled as from Emporia belong to families residing here temporarily for the purpose of educating their children.

Allen	32	Gray	7	Ottawa	7
Anderson	37	Greenwood	29	Pawnee	4
Atchison	17	Harper	16	Phillips	10
Barber	15	Harvey	13	Pottawatomie	13
Barton	2	Haskell	6	Pratt	10
Bourbon	19	Hodgeman	2	Rawlins	2
Brown	22	Jackson	12	Reno	30
Butler	33	Jefferson	29	Republic	21
Chase	17	Jewell	9	Rice	6
Chautauqua	16	Johnson	9	Riley	15
Cherokee	3	Kearny	3	Rooks	7
Clark	3	Kingman	7	Rush	7
Clay	10	Labette	12	Russell	6
Cloud	24	Lane	3	Saline	13
Coffey	57	Leavenworth	21	Scott	2
Comanche	2	Lincoln	6	Sedgwick	14
Cowley	17	Linn	15	Shawnee	41
Crawford	20	Logan	2	Sheridan	3
Decatur	2	Lyon	1,074	Smith	14
Dickinson	27	McPherson	6	Stafford	9
Doniphan	4	Marion	49	Stevens	1
Douglas	18	Marshall	22	Sumner	21
Edwards	2	Meade	6	Thomas	1
Elk	35	Miami	20	Trego	3
Ellis	1	Mitchell	10	Wabaunsee	27
Ellsworth	5	Montgomery	42	Washington	24
Finney	9	Morris	59	Wilson	29
Ford	10	Nemaha	20	Woodson	21
Franklin	27	Ness	5	Wyandotte	7
Geary	6	Neosho	62		
Gove	2	Norton	9	Total	2,512
Graham	6	Osage	49		
Grant	2	Osborne	10		

From Outside of Kansas.

Arkansas	3	Michigan	1	Texas	1
Colorado	2	Missouri	9	Washington	1
Idaho	3	Nebraska	7		
Illinois	3	New York	1	Total	79
Iowa	2	Oklahoma	44	Grand Total	2,591
Japan	1				

Summary of Attendance.

GRADUATES		260
Four-year College course	31	
Two-year College course	144	
Secondary course	70	
Music	14	
Piano	11	
Voice	1	
Violin	2	
Kindergarten	1	
UNDERGRADUATES:		
First-year Secondary		496
Second-year Secondary		149
Third-year Secondary		239
Fourth-year Secondary		78
First-year College		522
Second-year College		128
Third-year College		88
Fourth-year College		20
Kindergarten training		9
Irregular		29
Training School		437
Kindergarten	73	
Grades 1 to 8	325	
Model Rural School	39	
Music		258
In Absentia		4
Commercial		3
Library		1
Special Gymnasium		5
Household Art		2
TOTAL		2,730
Repetitions		141
Total for the year		2,591

Vol. II NEW SERIES No. 2

KANSAS STATE NORMAL SCHOOL

EMPORIA

General Catalogue, 1912-1913

With

Announcements for 1913-1914

STATE PRINTING OFFICE,
TOPEKA, JUNE, 1913.

4-4891

Entered as second-class mail matter in the post office at Emporia, Kansas.

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Board of Administration of State Educational Institutions.

E. T. HACKNEY..... *Wellington.*
E. W. HOCH..... *Marion.*
MRS. CORA G. LEWIS..... *Kinsley.*

Board of Regents

TERM ENDING MARCH 1, 1913.

W. B. HAM..... *Stockton.*
SHEFFIELD INGALLS..... *Atchison.*
GEORGE E. TUCKER..... *Eureka.*
H. W. GRASS..... *La Crosse.*
CHARLES LANDER..... *Lindsborg.*
FRANK MCIVOR..... *Hoxie.*

TERM ENDING JULY 1, 1913.

B. M. DREILING..... *Hays.*
W. S. BURWICK..... *Wa Keeney.*
GEORGE H. BUNGER..... *Eskridge.*
EMERSON CAREY..... *Hutchinson.*
LAURA FRENCH..... *Emporia.*
W. D. KUHN..... *Holton.*

1912.

JULY.

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FEBRUARY.

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JUNE.

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School Calendar, 1913---1914.

1913.

June 5, Thursday—Opening of Summer Term.

June 20-21, Friday-Saturday—County Teachers' Examination.

June 27-28, Friday-Saturday—County Teachers' Examination.

July 4, Friday—Holiday.

July 15-25, Tuesday-Friday—State-wide Institute.

July 25-26, Friday-Saturday—County Teachers' Examination.

August 1, Friday—Close of Summer Term.

September 4-6, Thursday-Saturday—Registration of Students for the September-January (First) Semester.

September 9, Tuesday—Opening of September-January (First) Semester.

October 24-25, Friday-Saturday—County Teachers' Examination.

November 27-28, Thursday-Friday—Thanksgiving Vacation.

December 19, Friday, 6 P. M.—Close of School for Holiday Recess.

1914.

January 5, Monday, 8 A. M.—Reopening of School.

January 22-24, Thursday-Saturday—Registration of Students for the January-May (Second) Semester.

January 23, Friday—Close of September-January (First) Semester.

January 26, Monday—Opening of January-May (Second) Semester.

January 30-31, Friday-Saturday—County Teachers' Examination.

February 15—Founders' Day.

March 26-28, Thursday-Saturday—Registration of Students for the April-August Semester.

March 30, Monday—Opening of the April-August Semester.

April 3, Friday, 8 P. M.—German Play.

May 28-30, Thursday-Saturday—Registration of Students for the Summer Term.

May 29, Friday—Close of January-May (Second) Semester.

May 30, Saturday, 8 P. M.—Commencement Exercises of Secondary School.

May 31, Sunday, 11 A. M.—Baccalaureate Service.

June 1, Monday, Senior Day, 8 P. M.—Senior Class Play.

June 2, Tuesday, Alumni Day, 3:00 P. M.—Alumni Business Meeting.
4:00 P. M.—Alumni Reception.
8:30 P. M.—Graduation Concert, Department of Music.

June 3, Wednesday, 9:30 A. M.—Commencement Exercises.
12:00 M.—Alumni Dinner.

June 4, Thursday—Opening of Summer Term.

Contents.

	page
Board of Administration	iii
Board of Regents	iii
School Calendar for 1913-1914	v
Officers of Instruction and Administration	1–11
The General Faculty	1
Officers of Administration	9
State-wide Institute	11
GENERAL INFORMATION	13–32
Historical Statement	15
Purposes of the School	15
Location	16
Buildings, Grounds and Equipment	16
Fees	18
Irregular Students	19
Hospital fund	19
Board and Rooms	20
The School Year	20
Examinations	20
Number of Hours of Work	21
Certificates and Diplomas	22
Lectures and Entertainments	25
The Teachers' Appointment Bureau	26
The Extension Department	27
Summer School	28
Students' Loan Fund	28
Chapel Exercises	28
Student Organizations	29
Newspapers	31
THE COLLEGE	33–124
The College Faculty	35
Admission	35
Registration and Enrollment	36
Three-year State Certificate	37
Life Certificate	37
College Credit	37
Degree	37

THE COLLEGE—*continued:* *page*
Major 38
Certificates for Special Proficiency 38
Student-Faculty Council 38
Courses of Study 40
Outline of Instruction—
Arts 42
Biological Sciences 51
Commerce 58
English 62
Geography 65
American History 66
European History 68
Economics and Sociology 71
Political Science 73
Latin 74
Library Science 77
Mathematics 79
Modern Languages 81
Music 85
Public-school Music 86
General Pedagogy Group:
Psychology and Philosophy 96
School Administration and Supervision 99
History of Education 102
Philosophy of Education 103
Methods 104
Practice Teaching 105
Kindergarten 106
Physical Sciences:
Chemistry 108
Physics 109
Physical Training 113
Speech Arts 120
THE SECONDARY SCHOOL 125
The Secondary School Faculty 127
Registration and Enrollment 127
Graduation 128
Social Privileges 1
School Clubs 129
One-year State Certificate Course 1
Courses of Study 132
Outlines of Instruction—
Agriculture 135
Botany 136
Chemistry .....

THE SECONDARY SCHOOL—*continued:*
Outlines of Instruction— *page*
Commerce 137
Domestic Art and Science 139
Drawing 141
English 142
Geography 144
Government and Economics 145
American History 147
European History 148
Latin 148
Manual Training 150
Mathematics 151
Modern Languages 153
Music 154
Physical Training 155
Physics 159
Physiology 160
Psychology 160
School Administration 160
THE TRAINING SCHOOL 163–183
The Training School Faculty 165
General Statement 165
Outlines of Instruction—
Reading 166
Nature Study, Language and Grammar 167
Spelling 169
Geography 170
History 171
Civil Government 172
Numbers 173
Arithmetic 174
Nature Study 175
Physiology 176
Music 177
Handwork and Art 178
Manual Training 179
Domestic Science and Art 180
Physical Training 182
Register of Students 185–249
Summary of Attendance 250
Kansas Counties Represented 251

Officers of Instruction and Administration.

Officers of Instruction.

JOSEPH H. HILL, A. M., D. D., LL. D. (Kansas State Normal School and Northwestern University.) *President.*

THOMAS W. BUTCHER, *President Elect.*

JOHN H. GLOTFELTER, PD. D. (Illinois Normal University.) *Vice President and Director of the Training School.*

THOMAS MEDARY IDEN, PH. M. (Butler University; *Harvard University; University of Chicago; University of Berlin.*) *Professor of Chemistry.*

FISKE ALLEN, A. B., M. A. (Indiana State Normal School; Indiana University; Teachers' College, Columbia University.) *Professor of Mathematics.*

FRANK A. BEACH, B. L. (University of Michigan; Syracuse University School of Music; *Juliani School of Opera, Paris; Boston University.*) *Professor of Public-school Music, Voice Culture and Chorus.*

H. H. BRAUCHER, B. S. (University of Illinois; *Stout Institute.*) *Professor of Manual Training.*

GERTRUDE BUCK, B. L. S. (Wisconsin State Normal School, Platteville, Wis.; *Wisconsin University;* Illinois State Library School.) *Professor of Library Science.*

LOTTIE E. CRARY,[1] A. B. (Kansas State Normal School; *College of Emporia; University of Chicago.*) *Professor of Botany.*

H. M. CULTER,[1] (Kansas State Normal School; *Shurtleff College.*) *Professor of Rural School Administration.*

EPLANATION OF REFERENCE MARKS.

Schools in italics, special study, one year or more.

1. Absent on leave, summer term, 1912.
2. Absent on leave, 1912-'13.
3. Summer term, 1912.
4. Since September, 1912.
5. Resigned August, 1912.
6. Since October, 1912.
7. Second semester, 1912-'13.
8. Resigned October, 1912.
9. Resigned November, 1912.
10. Since November, 1912.

LILLIAN DUDLEY. (Kansas State Normal School; *University of Kansas; University of Berlin.*) *Professor of Modern Languages.*

G. W. ELLIS,[1] A. B., A. M. (Hamilton College; *University of Chicago.*) *Associated Professor of Mathematics.*

D. A. ELLSWORTH.[1] (Kansas Normal College.) *Professor of Geography.*

EMMA L. GRIDLEY. (Kansas State Normal School; *Massachusetts Normal Art School.*) *Professor of Drawing.*

HENRY D. GUELICH, A. B., MUS. B., MUS. DOC. (Northwestern College; Grand Conservatory of Music, New York; *Virgil Clavier School, Harvard University.*) *Director of Music Department and Professor of Theory and History of Music.*

CHARLES E. HILL, A. B., A. M. (University of Michigan.) *Professor of Political Science.*

W. L. HOLTZ, A. B. (Baker University; *Drake University; Colorado College; University of Chicago.*) *Professor of Latin.*

JAMES RALPH JEWELL,[1] A. B., M. A., PH. D. (Coe College; *Clark University.*) *Professor of Secondary Education.*

WILLIS H. KERR, A. B., A. M. (Bellevue College, Nebraska; *Columbia University; Edinburgh University, Scotland.*) *Professor of Library Science.*

HOWARD T. LEWIS,[3] M. A. (Wisconsin State Normal School, Oshkosh; Lawrence College; University of Wisconsin.) *Professor of Sociology and Economics.*

W. G. LEWIS,[2] PD. B., B. S. (Michigan State Normal School, Ypsilanti; Columbia University; *University of Michigan.*) *Professor of Physics.*

EVA MCNALLY, B. L., PH. B., M. L., PH. D. (Kansas State Normal School; Lincoln College; *University of Wisconsin; University of Chicago;* Trueblood's School of Oratory.) *Professor of Rhetoric.*

CAROLINE MEDDERS. (School of Expression, Boston; The Bard-Avon School of Expression, Baltimore; State Normal School of Baltimore; *Boston University; Chicago School of Physical Education and Expression.*) *Professor of Speech Arts.*

WALTER S. MONROE,[4] A. B., B. S., A. M. (University of Missouri; *University of Chicago.*) *Professor of History and Philosophy of Education.*

BETH WARNER MULL.[1] (Kansas State Normal School; *Colorado State Normal School; University of Illinois.*) *Professor of Home Economics.*

L. A. PARKE,[1] LL. B. (State Normal School, Mansfield, Pa., University of Kansas.) *Professor of Commerce.*

EDGAR F. RILEY, A. B., PH. D. (Baker University; *University of Chicago.*) *Professor of School Administration.*

ROWLAND HENRY RITCHIE, PH. B. (University of Chicago; *University of North Dakota; Northwestern University.*) *Professor of Speech Arts.*

P. B. SAMSON,[5] B. Y. E., M. DI. (Iowa State Normal School; International Y. M. C. A. Training School.) *Director of Physical Training for Men.*

MABLE L. SMITH. (Sargent Normal School of Physical Education; *University of Colorado.*) *Director of Physical Training for Women.*

WALTER R. SMITH,[1] A. M., PH. D. (Missouri Valley College; *University of Chicago; Harvard University; Teachers' College, Columbia University.*) *Professor of Sociology and Economics.*

A. MONROE STOWE,[5] PH. B., A. M., PH. D. (Northwestern University; *Harvard University;* Teachers' College, Columbia University.) *Professor of History and Philosophy of Education.*

ARTHUR F. STROME, A. B., A. M. (University of Michigan.) *Professor of American History.*

GEORGE W. TIDD,[4] B. S., M. S. (Valparaiso University; Iowa State University; *Northern Illinois Normal School.*) *Professor of Physics.*

NORMAN TRIPLETT, A. B., A. M., PH. D. (Illinois College; Indiana University; Clark University.) *Professor of Psychology and Philosophy.*

FRANK W. WHITE, M. D. (Tufts College Medical School, Boston; Harvard University School of Physical Education.) *Professor of Physiology and Hygiene.*

MARY A. WHITNEY,[2] A. B. (Kansas State Normal School; University of Michigan; *Teachers' College, Columbia University.*) *Professor of American History.*

PELAGIUS WILLIAMS, A. B., A. M. (College of Emporia; University of Chicago; *Columbia University.*) *Professor of European History.*

LYMAN C. WOOSTER, PH. D., F. A. A. A. S. (Wisconsin State Normal School, Whitewater, Wis.; Milton College; *Beloit College; Yale University; University of Chicago.*) *Professor of Zoölogy and Geology.*

FRANK U. G. AGRELIUS, A. B., A. M. (Kansas State Normal School; University of Kansas.) *Instructor in Botany and Bacteriology.*

LOUISE M. ALDER, A. B., A. M. (University of Kansas; Chicago Kindergarten College; Teachers' College, Columbia University.) *Instructor in Kindergarten.*

CHARLES E. ARMSTRONG,[5] A. B. (Oklahoma University; Kingfisher College; University of Kansas; *Yale University.*) *Instructor in Physical Training.*

JANE K. ATWOOD,[1] ED. B. (Chicago Normal School; University of Chicago.) *Instructor in Geography in the Secondary School.*

C. HENRY BELTING, B. S. (*State Normal School, Charleston, Ill.;* University of Illinois.) *Instructor in Agriculture in the Secondary School.*

F. L. BLACK, A. B., A. M. (Christian University, Canton, Mo.; *Missouri University;* University of Chicago.) *Instructor in Latin in the Secondary School.*

MILDRED BOOMHOWER. (Potsdam Normal School, New York; Crane Normal School of Music.) *Instructor in Public-school Music.*

D. HORTENSE BROOKOVER,[2] A. B. (University of Kansas; *University of Chicago; University of Colorado; University of Berlin; Teachers' College, Columbia University.*) *Instructor in German in the Secondary School.*

IRVIN E. BROWN.[4] (Springfield Training School of Physical Training; *Harvard Summer School of Physical Training.*) *Instructor in Physical Training for Men.*

VAN W. BURRIS,[3] A. B. (Wisconsin State Normal School, Platteville; *Oberlin College; Columbia University.*) *Instructor in Methods in the Training School.*

MARGUERITE A. CAHILL. (*Boston Normal School for Physical Education;* Sargent School of Physical Education.) *Instructor in Physical Training for Women.*

H. J. CAMPBELL,[6] A. B. (*Des Moines College; University of Nebraska; University of Oklahoma;* University of Kansas; International Y. M. C. A. Training School, Springfield, Mass.) *Instructor in Physical Training for Men.*

LAUREL N. CAMPBELL,[4] A. B., A. M. (Olivet College, Michigan; *University of Paris.*) *Instructor in German in the Secondary School.*

GEORGE A. CRISPIN.[4] (International Y. M. C. A. Training School; Harvard School of Physical Education.) *Instructor in Physical Training for Men.*

WILLIAM R. DAVIS,[3] A. B., A. M. (Ripon College; Harvard University; *University of Chicago.*) *Instructor in English.*

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D. SOPHIA DONICA,[2] A. B. (Kansas State Normal School; Columbia College of Expression; *University of Chicago.*) *Instructor in English in the Secondary School.*

DANNETTA M. ECKDALL.[1] (School of Design, Pittsburg, Pa.; *Art Students' League, New York; William Chase's School, New York; Chautauqua Arts and Crafts, Chautauqua, N. Y.; Atkinson Mentzer Summer School, Chicago.*) *Instructor in Drawing.*

EDNA MAY FLARIDA.[3] (Michigan State Normal, Ypsilanti; *Western State Normal, Kalamazoo, Mich; Atkinson Mentzer Summer School, Chicago; Teachers' College, Columbia University.*) *Instructor in Drawing.*

GERTRUDE FLINN. (Kansas State Normal School; Stout Institute; *Bradley Polytechnic Institute, Peoria, Ill.*) *Instructor in Home Economics.*

W. C. FOOTE,[4] A. B. (Buena Vista College; Princeton University; pupil of Austin Abernathy, Otto Pohlmann, New York.) *Instructor in Public-school Music and Voice Culture.*

H. H. GERARDY.[3] (*Kansas State Agricultural College; Salina Normal University;* Kansas State Normal School; *American School of Osteopathy.*) *Instructor in Rural-school Administration.*

EMILY K. HOELCEL.[3] (Kansas State Normal School.) *Instructor in Model Rural School.*

ARAMINTA HOLMAN.[7] (Kansas State Normal School; New York School of Fine and Applied Arts.) *Instructor in Drawing.*

FRED L. HONHART,[8] B. P. E. (Pennsylvania State College; Springfield Training School.) *Instructor in Physical Training for Men.*

MARY GRACE HOLMES,[4] A. B. (University of Michigan; *University of Chicago.*) *Instructor in English in the Secondary School.*

CLARA LOUISE HUGHES,[4] PH. B., PD. B., A. M. (Hillsdale College, Hillsdale, Mich.; Columbia University; *University of Michigan.*) *Instructor in Mathematics in Secondary School.*

KATHERINE JENSEN,[3] B. S., M. S. (North Dakota Agricultural College; University of Illinois; *Valley City Normal School, North Dakota.*) *Instructor in Home Economics.*

BERNICE E. JOHNSON.[1] (Sargent School of Physical Education; *Milwaukee Downer College; Children's Hospital, Boston.*) *Instructor in Physical Training for Women.*

W. H. KELLER, A. B. (Kansas State Normal School; *Rose Polytechnic Institute; University of Chicago.*) *Instructor in Mathematics in Secondary School.*

ELEANOR H. KITCHIN.[1] (Sargent School of Physical Training; *Children's Hospital, Boston; University of California.*) *Instructor in Physical Training for Women.*

A. L. LANGMAS,[3] A. B. (Wisconsin State Normal School, Oshkosh; University of Wisconsin.) *Instructor in Commerce.*

CHARLOTTE LEWIS,[2] A. B. (Kansas State Normal School; *Sargent School of Physical Training.*) *Instructor in Physical Training for Women.*

CELIA I. MANNING. (Ferris Institute, Big Rapids, Mich.; State Normal School, Mt. Pleasant, Mich.) *Instructor in Commerce.*

KATE M. MEEK,[3] A. B. (Indiana State University; *Iowa State University.*) *Instructor in Mathematics.*

MAUDE E. MINROW,[1] A. B. (Kansas State Normal School; *University of Chicago.*) *Instructor in American History in the Secondary School.*

KATHERINE MORRISON. (Kansas State Normal School; *Teachers' College, Columbia University; Bradley Polytechnic Institute, Peoria, Ill.*) *Instructor in Drawing in the Secondary School.*

ARTHUR E. MULLINS,[4] B. S., M. S. (Mississippi Agricultural and Mechanical College; *University of Chicago.*) *Instructor in English.*

ANNA BELL NEWTON,[1] B. L., A. B., A. M. (Ohio Wesleyan University; University of Michigan; *University of Chicago; Oxford University.*) *Instructor in English.*

EMMA C. OSTLUND,[3] A. B. (Kansas State Normal School.) *Instructor in German in the Secondary School.*

CHARLES R. PHIPPS, B. S. (Eastern Illinois State Normal School; University of Illinois.) *Instructor in Agriculture.*

MARY ELLEN PORTER,[4] PH. B. (Ohio State University; *University of Chicago; Teachers' College, Columbia University; Chicago School of Physical Education and Expression.*) *Instructor in English in the Secondary School.*

GEORGIA RENEAU,[2] PH. B., PH. M. (Kansas State Normal School; University of Chicago.) *Instructor in English.*

MABEL RHODES.[9] (Kansas State Normal School; *Bush Temple Conservatory, Chicago.*) *Instructor in Piano.*

ROY F. RICHARDSON,[3] A. B. (Kansas State Normal School; *Clark University.*) *Instructor in Geography.*

BERENICE RICE, MUS. B. (State University, Oklahoma, School of Fine Arts; Pupil of Mrs. A. M. Virgil, New York, Fanny Bloomfield Zeisler, Chicago, Paul Goldschmidt, Berlin.) *Instructor in Piano.*

ETHEL IDA ROWAND,[3] A. B., A. M. (Brown University; *Wellesley College.*) *Instructor in Public-school Music and Voice Culture.*

CARL W. SALSER, A. B. (Kansas State Normal School.) *Instructor in Government and American History in the Secondary School.*

E. FLOY SCHUMACHER.[1] (Hedding College Conservatory, Abingdon, Ill.; pupil of Mdme. Parry, Chicago; Centralizing School of Music, Chicago; pupil Oscar Saenger, New York.) *Instructor in Voice Culture.*

ANNA E. SNYDER, B. S., A. B. (Kansas State Normal; Columbia University; *University of Chicago.*) *Instructor in English in the Secondary School.*

LENA M. SPOOR.[3] (National School Public-school Music, Chicago.) *Instructor in Public-school Music.*

E. ANNA STONE.[10] (College of Music, Cincinnati; Kansas State Normal School.) *Instructor in Piano.*

MABLE M. STONE. (Kansas State Normal School; *Music Department, University of Kansas.*) *Instructor in Piano.*

CATHERINE E. STROUSE.[1] (Minnesota State Normal School, Winona; Thomas Training School, Detroit; *National Summer School, Chicago.*) *Instructor in Public-school Music.*

C. L. TOWNSEND,[7] A. B. (University of Wisconsin; Brown's Business College, Rockford and Peoria, Ill.) *Instructor in Commerce.*

CLAIR K. TURNER, A. B. (Kansas State Normal School; *Harvard University.*) *Director of Physical Training for Men.*

W. A. VAN VORIS. (Kansas State Normal School; *University of Chicago.*) *Instructor in Physiology and Physics in the Secondary School.*

CHARLES A. WAGNER, A. B. (University of Kansas; *University of Chicago.*) *Instructor in Mathematics in the Secondary School.*

ALICE ROSING WALDEN.[4] (School of Music, University of Wisconsin; pupil of Robert Teichmueller, Royal Conservatory, Leipzig.) *Instructor in Piano.*

CATHERINE WILSON,[7] A. B. (State Normal School, Ypsilanti, Michigan; University of Michigan; *University of Chicago.*) *Instructor in English.*

CARLTON WOOD. (Pupil of Gustav Exner, Berlin, Germany, of Edward Mollenhauer, New York City, and Ottakar Seveik, Prague.) *Instructor in Violin, Stringed Instruments and Orchestra.*

L. DWIGHT WOOSTER,[3] A. B. (Kansas State Normal School.) *Instructor in Biology.*

LUCY BARROLL,[4] ED. B. (*Girls' Collegiate School, Kindergarten College; Cook County Normal School, Illinois; Cornell University;* University of Chicago.) *Critic Teacher in the Training School.*

MAUD ALICE DAVIS,[3] B. S. (Stout Institute; Columbia University; *Cornell University.*) *Critic Teacher in the Training School.*

JESSIE L. FORDE, A. B. (Kansas State Normal School; *College of Emporia; University of Chicago; Columbia University.*) *Critic Teacher in the Training School.*

LENA GAMBLE. (Kansas State Normal School; *University of Chicago.*) *Critic Teacher in the Training School.*

ACHSAH M. HARRIS,[1] A. B. (Kansas State Normal School; *University of Michigan; University of Chicago; Chicago School of Music; Columbia University.*) *Professor of Elementary Education.*

JENNIE SMALL,[3] B. S. (Indiana State Normal School; Columbia University; *University of Chicago.*) *Critic Teacher in the Training School.*

BLANCHE STEWART.[3] (Kansas State Normal School; *University of Kansas; University of Chicago.*) *Critic Teacher in the Training School.*

LULU GRACE TEAR,[1] A. B. (Kansas State Normal School; Fairmount College; *University of Kansas; Columbia University.*) *Critic Teacher in the Training School.*

GRACE VOLLINTINE.[4] (*University of Nebraska; University of Chicago.*) *Critic Teacher in the Training School.*

JENNIE WILLIAMS,[2] A. B. (Kansas State Normal School; *University of Michigan.*) *Critic Teacher in the Training School.*

Officers of Administration.

JOSEPH H. HILL, A. M., D. D., LL. D., *President.*

THOMAS W. BUTCHER, *President Elect.*

JOHN H. GLOTFELTER, PD. D., *Vice President and Director of the Training School.*

J. RALPH JEWELL, A. M., PH. D., *Principal of the Secondary School.*

THOMAS MEDARY IDEN, PH. M., *Dean of the College.*

HARRIET L. BARBER, B. S., A. M. (*Illinois Normal University; University of Nebraska;* Teachers' College, Columbia University.) *Dean of Women.*

WILLIAM S. BIXLER, B. S., PH. M. (Lincoln College; University of Indiana; *University of Chicago;* University of Pennsylvania.) *Registrar.*

DAISY BURLINGAME, *Assistant to Financial Secretary.*

NELLE BURLINGAME. (Lakeside Hospital, Cleveland; Portland Open Air Sanatorium; Miami Valley Hospital, Dayton, Ohio.) *Nurse.*

ROY E. COLEMAN. (Kansas State Normal School.) *Financial Secretary.*

MAUDE CORBETT,[4] A. B., A. M. (Hillsdale College; University of Michigan.) *Assistant to Dean of Women, and Secretary for Y. W. C. A.*

MARY E. EDWARDS, *Secretary for the Training School.*

GRETCHEN FLOWER.[6] (*University of Wisconsin;* University of Wisconsin Library School.) *Library Assistant in Catalogue and Reference Department.*

FAYE HUFFMAN. (Kansas State Normal School.) *Library Assistant.*

LOUISE JAGGARD, *Recorder.*

MARY V. KELLOGG, A. B. (University of Kansas.) *Secretary to the President.*

WILLIS H. KERR, A. B., A. M., *Librarian.*

GRACE M. LEAF.[1] (Kansas State Normal School; University of Wisconsin Library School.) *Reference Librarian.*

ETHEL M. MACURDY, A. B. (Kansas State Normal School; *Baker University.*) *Library Assistant in charge of Children's Department.*

E. B. MATTHEW. (Kansas State Normal School; *University of Chicago; American Academy of Dramatic Art, New York.*) *Normal School Visitor.*

CORNELIA MOSS, A. B. (Kansas State Normal School.) *Library Assistant.*

HARRIET PRIEST, *Secretary for the Appointment Bureau.*

BESSIE M. ROBERTS. (Kansas State Normal School.) *Library Assistant.*

CARL W. SALSER, A. B. (Kansas State Normal School.) *General Secretary of the Alumni Association and Appointment Bureau.*

MAUDE E. SHORE. (Kansas State Normal School.) *Library Assistant in charge of Circulation Department.*

W. H. SINGULAR. (Kansas State Normal School.) *General Office Secretary.*

FRED E. WEED,[4] A. B. (Washburn College, Topeka, Kan.) *Assistant to Registrar and Secretary for Y. M. C. A.*

GRACE WOODWARD. (*Illinois Woman's College; University of Colorado;* University of Wisconsin Library School.) *Library Cataloguer.*

WILLIAM H. BOYLES, *Custodian of Buildings and Grounds.*

Lecturers, State-wide Institute.

Summer Term, 1913.

JAMES R. JEWELL, PH. D., *Director.*

SPECIAL LECTURERS.

DR. HARVEY W. WILEY. Former Chief Bureau of Chemistry, Washington, D. C.

N. A. HARVEY, A. M., PH. D. Professor of Education, Michigan State Normal School. *Psychology and Pedagogy.*

FISKE ALLEN, A. M. Professor of Mathematics, Kansas State Normal School. *Mathematics.*

W. J. SUTHERLAND, PH. M. President State Normal School, Platteville, Wis. *Geography.*

CHARLES R. PHIPPS, A. B. Professor of Agriculture, Kansas State Normal School. *Agriculture.*

E. H. KEMPER MCCOMB, A. B. Supervisor of English, Manual Training High School, Indianapolis, Ind. *English.*

ACHSAH HARRIS, A. B. Professor of Elementary Education, Kansas State Normal School. *Nature Study and Literature.*

M. ADELAIDE HOLTON, A. B. Supervisor of Primary Work. *Reading.*

FRANK W. WHITE, M. D. Professor of Physiology and Hygiene, Kansas State Normal School. *Physiology and Hygiene.*

B. HAROLD HAMBLIN, A. B. Supervisor of Music, Public Schools, Boston, Mass. *Public-school Music.*

CLAIR K. TURNER, A. B. Instructor in Physical Training, Kansas State Normal School. *School Plays and Games and Playground Supervision.*

FRANK A. BEACH, B. L. Professor of Public-school Music, Kansas State Normal School. *Musical Appreciation.*

WILLIS H. KERR, A. M. Librarian, Kansas State Normal School. *School Libraries.*

GERTRUDE A. BUCK, B. L. S. Professor of Library Science, Kansas State Normal School. *School Libraries.*

EDITH KUNZ. New Brighton, New York City. *Special Lecturer on Child Psychology.*

EMILY KITTLAUS-HOELCEL. *Model Rural School.*

GENERAL INFORMATION.

(13)

Historical.

The State Normal School of Kansas was located at Emporia by act of the legislature passed in February, 1863; the legislature of 1864 provided for the appointment of a Board of Regents and the organization of the School, and the first appropriation bill, $1000, for the salaries of teachers, was approved February 29, 1864. The School opened its doors to students and began regular work in the upper room of a school building owned by the city of Emporia, February 15, 1865, with one teacher, L. B. Kellogg, and eighteen students. The first building for the use of the School erected by the state was dedicated January 2, 1867; the first graduating class, consisting of two young women, was the class of 1867. Since that time the School has graduated more than 2000 young men and women, and numbered probably 25,000 among its undergraduate students; almost the entire number of these have engaged for a longer or shorter time in teaching in the schools of Kansas and of other states, and the influence of the School has been a positive and powerful factor in the educational life of the state during all the forty-eight years of its history. By the legislature of 1901 the Normal School at Hays, and by the legislature of 1903 the Normal School at Pittsburg, were established as auxiliary to the State Normal School at Emporia, and designated respectively "The Western Branch State Normal School" and "The Manual Training Auxiliary." The management of the three schools is by law vested in one Board of Regents, and the president of the Normal School at Emporia is the president of the three schools.

PURPOSES OF THE SCHOOL.

The act organizing the School and locating it permanently at Emporia provided that its exclusive purpose should be "the instruction of persons, both male and female, in the art of teaching," and designated in general terms such branches of instruction as were then recognized as necessary for the accomplishment of that end. The School throughout its history has been conducted in the spirit of its foundation and with specific reference to its function of preparing teachers for the public schools of the state. The field of the Normal School as an essential part of the school system of the state implies a recognition of the principles that proficiency in the art of teaching is dependent upon thorough knowledge of the fundamental principles of the science of teaching, that this knowledge should be both historical and philosophical, and that clear conceptions of methods can most readily be attained by an intelligent study of them in practical operation. The Normal Schools of the state, then, organized into one system, assume as their field specifically the professional function. The place and value of every subject in the course of study is determined by its relation to this end, the method of approach to every subject of instruction has the teaching purpose particularly in view, and in every way the Normal

Schools seeks to develop a distinctive teaching atmosphere, to foster the best expression of the teaching spirit, and to set the highest standards for teaching preparation. To fulfill its mission adequately, and to meet the legitimate demands made upon it, the Normal School recognizes that it must touch every phase of public-school life in the state, must lay the foundations of broad and thorough scholarship and professional training for every grade of school work, and must seek to be a progressive center of educational thought and a disseminator of the best teaching ideals to the schools of every community.

LOCATION.

Emporia, the home of the State Normal School, is a city of approximately 10,000 inhabitants, situated between the Neosho and Cottonwood rivers, in a beautiful and healthful location, easily accessible from all parts of the state. Its railroads are the main line and three branches of the Atchison, Topeka & Santa Fe Railway, and the Neosho branch of the Missouri, Kansas & Texas. Emporia combines ideally the characteristics of a model school town. It is a substantial business city in the center of a prosperous agricultural community. Its well-kept lawns, its commodious and comfortable homes, its public buildings and its numerous schools and churches are external evidences of the spirit of the community; it has also long been known as one of the most attractive residence and home cities of the West. It is often designated as a city of schools and churches, and the educational and moral tone of the community is wholesome and helpful in the highest degree. Students find a cordial welcome to their church homes in the various places of worship in the city, and they have no difficulty in finding places for room and board with congenial surroundings where the moral safeguards are the very best. Many families in the city are particularly identified with the life of the School because they have been especially attracted to Emporia as a place of residence by its educational opportunities.

BUILDINGS, GROUNDS AND EQUIPMENT.

In addition to a competent Faculty and good location, convenient and suitable buildings are necessary for a school.

The Normal School grounds are located immediately adjacent to the city at the north end of Commercial street, the leading business street of Emporia. The original campus of twenty acres has been enlarged by successive purchases so that it now includes about thirty-five acres, including one of the most satisfactory and best equipped athletic fields in the state. The group of buildings includes:

THE MAIN BUILDING.

The central portion was built originally in 1880, but enlarged by the addition of a wing on the west in 1887, and on the east in 1895. In the east wing is the beautiful addition known as "Albert Taylor Hall." The entire building is devoted to the purposes of administration and instruction, is about 300 feet long, and contains 80 rooms, exclusive of closets and wardrobes —well lighted, well ventilated, attractively and comfortably furnished with direct reference to the needs of the modern schoolroom. It is heated by steam, has a complete system of motor

ventilation, a private telephone exchange with direct connection with the city system, is supplied with water, gas and electric light; in short, is fully equipped with whatever adds to the comfort and convenience of student life.

THE KELLOGG LIBRARY.

Named in honor of Lyman Beecher Kellogg, first president of the School. It was completed in 1902, at a cost of $60,000; an attractive building in exterior and interior. In arrangement and equipment it is well adapted to the purposes of a modern educational library. On the first floor are newspaper room, children's department, library science department, Faculty study (including educational catalogues and reports), and two lecture rooms. On the second or main floor are the reading room, reference department, the loan desk, the stacks, the cataloging rooms, and the librarian's office.

THE TRAINING SCHOOL BUILDING.

Completed in 1905, at a cost of over $30,000. It is arranged especially for practice teaching, and contains accommodations for the kindergarten and the eight grades of the common school. It has a good equipment, with playroom, manual training, kindergarten kitchen, and ample playgrounds. It is notable for its good light and ample ventilation. Valuable and appropriate pictures are on the walls. Its equipment is being added to from year to year.

THE NORTON SCIENCE HALL.

Erected at a cost of $50,000; was occupied by classes in September, 1907, and formally dedicated to the uses of the School November 15, 1907, with appropriate exercises. The building was named, by authority of the Regents, "The Norton Science Hall," in honor of Henry B. Norton, first teacher of natural science in the School and associate principal under L. B. Kellogg. Modern laboratories and lecture rooms, equipped with the best scientific apparatus, are provided for the science work. The museum is rich in specimens illustrating the various lines of physical science. The building offers first-class, up-to-date conditions for the study of science.

THE PHYSICAL-TRAINING BUILDING.

Was first used for classes in February, 1910, and formally opened with appropriate exercises April 15, 1910. The dedicatory address was given by Dr. Henry S. Curtis, vice president of the American Playground Association. It is in every respect modern and designed exclusively for gymnasium purposes. The heating, lighting and ventilation of this building are perfect and the equipment is up to the standards of to-day. The basement is equipped with dressing rooms, steel lockers, shower baths, and a swimming pool. The second floor is for heavy apparatus and marching. The main room on this floor is 158 feet long and 66 feet wide. It may be used as one room or divided by rolling partitions into two. At the ends of the building on this floor and the next are offices and consulting rooms. The third floor is used for basket-ball and kindred games, and offers one of the best basket-ball courts in the state. Above this is a gallery for spectators and a running track. The floors of the large rooms are of hard maple, making ideal surfaces for gymnastic pur-

poses. This magnificent building, costing over $100,000, is to be devoted exclusively to physical-training classes and work.

MUSIC HALL.

Directly east of the main building; was purchased in June, 1910, from the estate of the late C. V. Eskridge, and has been occupied since September, 1910. The building contains four private studios for the instructors in instrumental and violin music, two recitation rooms for classes in theory and harmony, and an office. It is well lighted by electricity and furnishes very comfortable and convenient accommodations for the work in music.

THE EMERGENCY HOSPITAL.

Provided with equipment necessary for the care of the students who are ill. A trained nurse is in charge of the hospital. A small fee is required of all students for meeting the expenses of the nurse. The plan of caring for sick students has proved very effective. Precautionary and preventive measures have checked epidemics and conserved health.

THE POWER, HEATING AND LIGHTING PLANT.

Situated at the rear of the other buildings; is equipped with a modern battery of boilers, engine and generator, which furnishes heat and light for all the buildings as well as electric power for the blower-fan system of ventilation.

THE ATHLETIC FIELD.

On the northwest part of the campus; gives abundant facilities for all outdoor games. The drainage of the grounds is perfect, so their condition seldom prevents use. The field has been enlarged by the purchase of additional ground on the north, and additional tennis courts are being added as needed.

FEES.

Unless otherwise arranged, fees are to be paid at the beginning of each semester.

HOSPITAL. Each school year, or fraction thereof, all students in college and secondary courses pay one dollar, to be used as a fund for the care of the sick. This fee will not be refunded.

GYMNASIUM. All students enrolled for gymnasium work pay a gymnasium fee of one dollar for each semester.

NONRESIDENT. Nonresident students pay a fee of ten dollars per semester additional to any or all other fees. This applies to students who have not been living in Kansas for six months prior to enrolling.

CORRESPONDENCE WORK. Students taking work by correspondence pay a fee of five dollars for each course taken.

LABORATORY. The cost of work requiring laboratory will be based upon the supplies actually consumed. A deposit is required. This is indicated where such courses are listed and described.

MUSIC. For fees in Music Department, see under that head.

COMMERCIAL COURSE. Students taking the commercial course will pay a fee of ten dollars for full work or four dollars for each subject until the maximum is reached.

LIBRARY SCIENCE. Specializing students in library science will pay a fee of two dollars a subject up to a maximum of five dollars, in addition to a laboratory fee for supplies actually consumed.

EXAMINATION. Students taking special final examinations pay a fee of one dollar for each examination taken. Students regularly enrolled pay the regular examination fee of one dollar for the privilege of taking the county examination under the supervision of the officers of the State Normal School. No credit is given for certificates of enrollment in county institutes.

REFUNDING FEES. Except as otherwise stated, the unused portion of fees will be refunded, or will be credited to the student, only in cases of protracted illness.

IRREGULAR FEES:

Taking one subject one semester	$10.00
Irregular in one subject one semester	4.00
Except irregular in one commercial subject	8.00
Irregular in two subjects one semester	8.00
Irregular in two commercial subjects one semester	16.00
Irregular in three or four subjects one semester	10.00
Irregular in three or four commercial subjects one semester	20.00

IRREGULAR STUDENTS.

The student is *Irregular* who carries but one subject; who chooses to take some other course than the regularly prescribed course; who selects work independent of any course; who takes subjects in the regular course of study more than one semester in advance of the work of the semester in which he is classified; who takes at the same time two or more subjects in any department, except as it can be shown that this is conforming regularly to the course which he is taking.

HOSPITAL FUND.

This fund is provided by the fee of fifty cents per year paid by all students in College and secondary courses. It is used to pay salary of the head nurse, for such emergency hospital supplies as are necessary, and for unavoidable expenses required for proper care of the sick. The hospital fund has met with generous approval and has contributed to better general health and to the comfort of the students.

The hospital fund is administered subject to the following rules:

1. That the responsibility of the nurse extends to the advising of students in cases of mild illness and to the care of more serious cases until other arrangements can be made.
2. That the building be called the "Normal Emergency Hospital," and the fund be designated "Emergency Hospital Fund."
3. That students will be taken from their rooms to the hospital only in cases of emergency.
4. That patients be cared for in the Emergency Hospital no longer than the time necessary to communicate with their parents or friends and arrangements can be made for their safe removal.
5. That patients cared for in the hospital pay day charges at the rate of seventy-five cents a day. This will cover food and

simple remedies, but includes neither doctor's fees nor prescriptions.

6. That patients in the Emergency Hospital may call the physician they prefer, and will then be under his care and that of the resident nurse until removed.

7. That cases of contagious diseases be not taken into the Emergency Hospital.

8. That a housekeeper be employed at the Emergency Hospital to care for the house and to furnish meals.

9. That the nurse may have certain hours within which she will make calls.

BOARD AND ROOMS.

Many students are paying as low as $3 for board in private families, while a very few pay as high as $4 a week.

Board in clubs costs from $2.75 to $3.50 per week. Those who board themselves reduce the cost about one-half. A careful comparison with the cost of living at other schools in the state shows that students demanding the same kind of accommodations live with as little expense here as at any of them. Every effort is made to reduce expenses to the minimum.

Rooms, unfurnished, $3 to $5 per month; furnished, $5 to $10 per month, according to size and conveniences.

It is not necessary to engage rooms before you come. It is always more satisfactory to see what you are engaging before you make definite arrangements.

There is a committee of the Faculty which inspects and investigates all conditions affecting boarding and rooming places. Places which they recommend are then placed on an approved list. Men and women are not permitted to room in the same house, and householders, as well as students, are held responsible for the carrying out of the regulation. The approved list of rooms for women can be consulted at the office of the Dean of Women and that for men at the General Office. In houses where women students are rooming suitable arrangements for the use of a parlor for the reception of guests are required by the committee in charge.

We strongly recommend that all women get their rooms through the office of the Dean of Women. Experience proves this to be the most satisfactory way.

THE SCHOOL YEAR.

The school year is divided into two semesters of approximately eighteen weeks, and the summer term, equivalent to a half semester. The year opens with the summer term. The first semester is from September to January, inclusive, and the second semester is from February to May, inclusive. The organization of new classes, March 30, some of which are for a half semester and others for a full semester, provides for those entering at that time.

EXAMINATIONS.

There is no institution regulation requiring a final examination. However, any instructor may as a part of the regular work of a course require that students take a final examination.

The privilege of taking examinations may be given to students returning to school after an extended absence, during the first semester succeeding their return, after consultation with,

and the consent of, the head of the department in which the work is requested, upon the presentation of the Financial Secretary's receipt for the fee required.

In cases where the head of the department feels that there is reason for giving permission to complete credit by examination, such permission after the regular twenty weeks are past is subject to reference to the committee on Scholarship, Records and Extra Work.

Students entering for the first time and wishing examinations to establish credit on work the preparation for which was not done in any school will report as follows: Those of college rank to Dean Iden; those of secondary rank to Dr. Jewell. Upon their consent, after conference with the heads of departments concerned and the payment of the special examination fee, the examination may be taken. (See under Fees.)

COUNTY EXAMINATION.

Regularly enrolled students of the State Normal School may, upon the payment of the usual examination fee of one dollar for each examination, present themselves for examination for county certificates to be conducted under the supervision of the officers of the State Normal School at any time when such an examination is given at any point in the state. The papers in such examination will be sent to any county designated by the applicant, there to be examined by the county board of examiners, who will issue certificates to the successful applicants under the same conditions as if the examination had been conducted under their supervision.

The dates of the county teachers' examinations are: June 20, 21, June 27, 28, July 25, 26, October 24, 25, 1913, and January 30, 31, 1914.

NUMBER OF HOURS OF WORK.

Students may not be regularly enrolled in less than eight or more than sixteen hours of work. Applications for extra hours of work may be made of the Registrar, who will send blanks for that purpose. These should be filled in and sent to the Registrar not less than ten days before the opening of the semester for which the student wishes to enter. Students are not encouraged to enroll for more than sixteen hours.

STATE-WIDE INSTITUTE.

The State-wide Institute, which has become recognized as an integral part of the summer term, will be held this year July 15 to 25, inclusive. Organized in 1910, primarily to meet the needs of principals, superintendents and teachers in normal-training high schools, it has grown and expanded until courses are now offered in a wide range of subjects for grade teachers as well. Those who have attended the institute during recent years have felt it to be the most valuable educational meeting they have attended in Kansas. It will be better than ever this year. There will be a faculty of experts gathered together from all over the country, and in addition there will be special features of interest to every teacher.

While all the exercises of the institute are purely voluntary and no fees of any kind are charged, it is expected that there will be an enrollment of those desiring to take the regular class work in order to secure regularity and efficiency of work. It will aid in

necessary adjustments and arrangements if those planning to attend will send in information or inquiry as to their plans beforehand. Further and more detailed announcements will be made later. Address all communications to Dr. J. R. Jewell, Emporia, Kan.

CERTIFICATES AND DIPLOMAS.

ONE-YEAR STATE CERTIFICATE.

A One-year State Certificate is granted to such students of the State Normal School as apply for it, who have been at least twenty weeks in attendance, and who have completed satisfactorily the following sixteen units of work of the secondary school grade, distributed as follows:

GROUP 1.—ENGLISH.

May be submitted:

English, 4 units.
Oral English, 1 unit.
Required: Three units.

GROUP 2.—MATHEMATICS.

May be submitted:

Algebra, 1½ units.
Geometry, 1½ units.
Arithmetic, 1 unit.
Bookkeeping, ½ unit.
Required: Two and one-half units, one-half unit being arithmetic or bookkeeping.

GROUP 3.—NATURAL SCIENCE.

May be submitted:

Botany, 1 unit.
Physics, 1 unit.
Agriculture, 2 units.
Geography, two units.
Physiology, ½ unit.
Required: Three units, one-half unit being geography and one-half unit physiology.

GROUP 4.—HISTORY AND CIVICS.

May be submitted:

American history, 2 units.
European history, 1½ units.
Civics, ½ unit.
Required: One and one-half units, one-half unit being civics.

GROUP 5.—PROFESSIONAL SUBJECTS.

May be submitted:

Methods and management, ½ unit.
Psychology, ½ unit.
Required: One unit.

GROUP 6.—ARTS.

May be submitted:

Drawing, 2 units.
Music, 1½ units.
Physical training, ½ unit.
Manual training, 4 units.
Domestic science or domestic art, 4 units.
Penmanship, 1 unit.
Required: One unit.

ELECTIVE.

May be submitted:

4 units.
Required: Four units.

SECONDARY SCHOOL DIPLOMA.

To receive the diploma of the Secondary School pupils must have completed sixteen units of work, ten units of which are required and six are elective. The required work includes:

English, 3 units.
Algebra, 1 unit.
Geometry, 1 unit.
Botany or Agriculture, 1 unit.
Physics, 1 unit.
History, 1 unit.
Hygienic Physiology, ½ unit.
Civics, ½ unit.
Arts, 1 unit.

Only one-half unit in Physical Training and Chorus Singing and one unit in Instrumental Music may be counted toward graduation.

Many courses require more than one semester for completion of credit toward graduation, and these must be taken until the completion of the course indicated by a star in the course of study.

THE THREE-YEAR STATE CERTIFICATE.

A Three-year State Certificate may be issued to those who have satisfactorily completed thirty-two hours of college work, which shall include:

English, or Speech Arts, 3 hours.
Psychology, 2 hours.
General Methods and Observation, 3 hours.
Physical Training, 1 hour.
Arithmetic, or Applied Elementary Mathematics, 2 hours.
Geography, 3 hours.
American History or Government, 3 hours.
Physiology, 3 hours.
Music or Drawing, or Home Economics, or Manual Training, or Bookkeeping and Penmanship, 4 hours.

Provided, that if the above subjects (except English, General Methods and Observation, and Physical Training) have been represented in the units of secondary work they may be omitted from the foregoing requirements, but other college courses must be offered as electives for a like number of hours.

Elective, 8 hours.

MUSIC CERTIFICATE.

A certificate is given by the Department of Music to those students who have completed the work of the Secondary course as listed in the work of that department, and in addition courses 9 and 10 of the advanced course in piano and their prerequisites, violin, or two semesters of voice culture; harmony, six hours; history of music, six hours; musical analysis, two hours; class music, two hours; ensemble playing or singing, two hours; physical training, one hour.

MUSIC DIPLOMA.

A diploma is given by the Department of Music to those students who have completed the work leading to the music certificate and courses 11 and 12 in piano and their prerequisites, violin, or an additional year of voice culture; counterpoint, six hours; ensemble playing or singing, two hours; physical training, two hours; electives, eight hours.

A graduate course, including courses 13 and 14 in piano, violin, or an additional year of voice culture; fugue, four hours; instrumentation, four hours; physical training, two hours; electives, sixteen hours.

Elective subjects may be chosen from the following departments: Art, English, Modern Languages, Pedagogy, Psychology, Speech Arts, Piano, Voice Culture, Theory of Music and Public-school Music. The choice of electives will depend upon the major selected and the general needs of the student.

PUBLIC-SCHOOL MUSIC CERTIFICATE.

Students who have met the requirements for the Three-year State Certificate will be granted the Public-school Music Certificate if they have completed twenty-four hours of sight-singing, methods, chorus drill, voice, practice teaching, appreciation, conducting, and ensemble.

MUSIC SUPERVISOR'S DIPLOMA.

Holders of the Public-school Music Certificate will be granted a Supervisor's Diploma upon the completion of an additional year of work, which shall comprise five hours of psychology and English, eight hours of instrumental and vocal instruction, fifteen hours of class work, including ear-training and harmony, history of music and melody.

MANUAL-TRAINING CERTIFICATE.

The Manual-training Certificate issued by the Kansas State Board of Education is granted to holders of any valid teacher's certificate who have completed the following courses: Mechanical drawing, advanced mechanical drawing, elementary woodwork, advanced woodwork, joinery, cabinetmaking, wood turning, advanced wood turning, and theory and practice, or the equivalent of these courses, and the practice teaching in manual training.

LIFE CERTIFICATE.

The student who completes the Freshman and Sophomore years of college work is given a diploma which is legally a life certificate to teach in the public schools of Kansas, including

those of all classes of cities and high schools. Students completing the work in any term of the year are entitled at once to the legal privileges incident to graduation; but, excepting those completing work in August, are listed with the class of the succeeding June, and their diplomas are usually issued at the June commencement. Students completing the work in August will be classed with the class of the preceding June. The roll of the class for graduation is made up the first of April, nine weeks prior to commencement, and all work except such as is included on the student's program for that semester must be completed by that time in order that students may be listed for graduation with the class. Candidates for August graduation should be listed as such one week prior to the commencement exercises in June.

DEGREE.

The completion of the four-year College course entitles the graduate to the degree of bachelor of arts (in education). The diploma given has the same legal force as a life certificate as has the diploma of the two-year College course.

No diploma is granted for less than a year's residence.

Definite arrangements have already been made for the acceptance of students completing this course as graduate students and candidates for higher degrees in representative universities of this country.

SPECIAL CERTIFICATES.

Certificates representing special work done in connection with the life certificate course for primary teachers, for intermediate and grammar grade teachers, for rural school teachers, and for kindergarten teachers, are given. The requirements for these certificates are outlined in connection with the college work on later pages of this catalogue.

LECTURES AND ENTERTAINMENTS.

A high-class lecture course of five or six numbers has for years been maintained under the general direction of a committee of the Faculty. These courses include from time to time the very best available talent on the American platform for concerts, readings and addresses, selected with special reference to the educational, artistic and inspirational value of their work to the student body. In addition to the regular lecture course, provision is made for addresses from time to time from men and women of note in all lines of intellectual activity on educational and other themes, and the presentation from the platform of the best in the various forms of artistic expression. The broadening of outlook, the stimulus to thought and the growth of appreciation as to fine arts and its best forms of expression make the frequent opportunities that are given to hear men and women of reputation in various lines of achievement, one of the most helpful features of school life. The following appeared during the past year:

FORTY-EIGHTH COMMENCEMENT SPEAKERS.

Rev. Frank G. Ward, dean of Department of Religious Education, Chicago Theological Seminary, baccalaureate address.

Dr. Joseph Jastrow, professor of psychology, University of Wisconsin, commencement address.

SUMMER SCHOOL SPEAKERS, AND ENTERTAINMENTS.

Rafael Navis, piano recital.
Marion Green, song recital.
Frank Cannon, lecture.
Dr. Harvey W. Wiley, lecture.
Edith Kunz, reader.
Dr. N. A. Harvey, Dean of Education, Michigan State Normal College, Ypsilanti, lecture.
Pres. W. J. Sutherland, Wisconsin State Normal, LaCrosse, lecture.

REGULAR LECTURE COURSE.

Phidelah Rice, reader, November 22, 1912.
Evan Williams, song recital, December 2, 1912.
Ben Greet Players, in "A Comedy of Errors," January 24, 1913.
Debate: Lee Frances Lybarger, of Pennsylvania, *vs.* Arthur Morrow Lewis, of Illinois, on the following proposition: "Resolved, that the taking over by the state of the whole of the 'unearned increment' arising from all forms of land monopoly, as proposed by Henry George, would secure justice and individual freedom, while socialism would mean industrial despotism." February 11, 1913. Mr. Lybarger affirmed, Mr. Lewis denied.
Bergen-Marx Musical Company, February 20, 1913.

OTHER LECTURES AND ENTERTAINMENTS.

Winfield S. Hall, dean of School of Medicine, Northwestern University, November 25 1912.
Mme. Johanna Gadski, song recital, December 13, 1912.
Arthur J. Boynton, associate professor of economics, University of Kansas, January 8, 1913.
W. W. Chartres, dean of School of Education, University of Missouri, January 31, 1913.
J. K. Codding, warden of Kansas State Penitentiary, December 9, 1912.
Captain Roald Amundsen, discoverer of South Pole, March 6, 1913.

THE TEACHERS' APPOINTMENT BUREAU.

The work of organizing the Teachers' Appointment Bureau was authorized by vote of the Alumni Association at a special meeting held in Topeka November 10, 1911. This was part of a plan to make the Alumni Association of the State Normal School a more effective body and a more useful organization to the School. At that meeting a committee consisting of President J. H. Hill, Principal W. S. Pate and Principal A. M. Thoroman was elected to have general charge of the Appointment Bureau. Carl W. Salser, general secretary of the association, has had active charge of the work under the advice of the committee.

The plan, in brief, provides that teachers who hold State Normal School certificates may register with the Bureau. A complete set of papers is made up for each person so registered. Those in school and those in the field register under exactly the same conditions. Those enrolled are carefully classified and catalogued, so that recommendations can be quickly made when calls for teachers are received. Papers showing the records of candidates are sent to superintendents and boards of education

when recommendations are made to them. This information is in every case to be returned to the Bureau.

When the committee, through the general secretary, submitted the plan to the alumni by general letter the responses were unanimous in approving the provision that each person who enrolled in the Bureau and received a position with its help should pay to the Alumni Association one per cent of his first year's salary to provide funds for the association's part of the expense. Any person who does not receive an offer he cares to accept is not expected to pay toward the support of the work. Those who do receive positions are not asked to pay anything until after work has begun in the new place.

This Bureau has been organized by the coöperation of the School and the Alumni Association, and it is being conducted in the same way. This is effected by the coöperation of Vice President J. H. Glotfelter, as director of the Training School, with Mr. Salser, the general secretary of the Alumni Association, in taking care of calls which are received for teachers. It insures more certain placing of students at graduation and more rapid promotion for those in the field. It provides a systematic method for getting school boards and teachers together. It makes much easier the difficult problem of knowing why and when teachers fail or succeed. It is an effective organization. This Bureau started its first year most auspiciously. A hundred or so of the alumni contributed a fund of $500 to take care of the first year's expense. It is now practically self-supporting. The number of calls for teachers is constantly increasing, and many more positions could be filled if the Bureau had suitable candidates. About 650 have enrolled in the Bureau. The enrollment will easily reach 750 this year. The larger the number the more effectively the calls can be taken care of. The work has already far exceeded expectations. Coöperation on the part of State Normal people over the state will make it of the greatest benefit to our teachers and to the school. Those who are interested should write Carl W. Salser, General Secretary of the Alumni Association, Emporia, for information.

THE EXTENSION DEPARTMENT.

The work of the Normal School includes not only the direct work of instruction, but Normal School Extension, or the teaching of every community by educational work through the school as a center. This work, as it is actually being done, includes:

1. The special lectures and courses of instruction for teachers in the field and in the State-wide Institute, which last year in its ten days' session reached 300 of the strongest high-school instructors and grade teachers in the state.

2. Lectures and class exercises for teachers' institutes and associations, for school officers and patrons' meetings, for popular educational gatherings, and social-center lecture courses. In this work is enlisted the practical activity of every department of the Normal School.

3. Expert educational advice and help. This includes bulletins of information, organized library helps, lists of books, package library, the visitation of schools to give expert advice and help the answering of questions from school officers and teachers on every variety of educational problems. Among the lines especially being pushed are the organization and efficient use of school libraries, practical helps in the purchase and

economical making of equipment for manual training, domestic science, agriculture and general-science laboratories, the making of lantern slides, special exhibits of work in different departments, the equipment of playgrounds and the organization of plays and games, plans for school buildings, and practical plans for medical and sanitary inspection of schools, and for the preservation of the health of school children.

SUMMER SCHOOL.

The summer term is designated the first term of the school year and work is organized in all departments as in the other terms. Credits may be made to apply to the regular course to cover one-fourth of a year's work. The library, laboratories and all buildings are open for the use of students. The fees are the same as for any other term. There are many special features arranged to meet the needs of teachers—teachers' review courses, opportunities for observation in the Training School and in the Model District School, inspirational lectures, a full Faculty of specialists, all affording a splendid opportunity for summer work.

The courses to be offered in the summer term of 1913 are indicated in the description given of the several courses. The opening date is June 5. Ask for special catalogue.

STUDENTS' LOAN FUND.

The class of 1899 made a gift of $111.60 to be used as a fund for aiding students. The fund was put in the care of a board of trust composed of the president, vice president, and the head of the department of physics and chemistry. Students who are within one year of graduation have preference in securing loans When their needs have been met other students may secure loans in order of seniority. The plan proved to be satisfactory, and several other classes have added to the fund. Following is a statement of the fund to date:

Class of 1899	$111.60
Class of 1900	107.56
Class of 1901	141.65
Class of 1905	27.50
Class of 1908	235.00
Class of 1909	162.96
Class of 1910	192.90
Class of 1911	107.16
Class of 1912	79.50
Total gifts	$1165.83
Interest accrued, to Feb. 24, 1913	509.62
Total value, Feb. 24, 1913	$1675.45

The making of loans is in the hands of the committee above mentioned, of which Prof. T. M. Iden is treasurer. Students interested should inquire of him.

CHAPEL EXERCISES.

The chapel exercises are held daily from 10:00 to 10:30. The exercises on Monday are for all students; those on Tuesday and Thursday for Secondary School students, and those on Wednesday and Friday for the students of the College. Attendance is required.

STUDENT ORGANIZATIONS.

THE YOUNG MEN'S CHRISTIAN ASSOCIATION has a secretary whose full time is devoted to the service of the men of the Normal. A handbook containing matters of interest and information on all School activities is printed every year, and will be mailed on request to any one who desires it. The information bureau, the coöperative employment plan, the socials and addresses on things of vital interest to every man, make the Y. M. C. A. a valuable asset to student life. Questions regarding room, board, self help, etc., will be answered as far as possible, and some member of the association will meet any prospective student who will inform the secretary when he expects to arrive in Emporia. Address correspondence to the secretary of the Normal Y. M. C. A., Emporia, Kan.

THE YOUNG WOMEN'S CHRISTIAN ASSOCIATION is an organization of the young women of the School. It is one of 660 such organizations for women students in the United States. Its purpose is not only to train young women while in school in methods of service by helping one another, but by this to fit them for greater usefulness when they leave school. The work is carried on by committees, under the direction of the cabinet chosen from the membership, and the general secretary, who is employed for full time. Some of the important features of the work are the rest room; employment bureau, through which many girls obtain employment; work for new students, which means meeting them at the trains and helping them to become acquainted through social occasions and calls; Bible study and mission study, vesper services, and calling on sick girls. Miss Maude Corbett, the general secretary, will be very glad to answer any correspondence in regard to work, plans, or anything that will be helpful to a new student.

DEPARTMENT CLUBS.

THE MATHEMATICS CLUB is an organization for those students whose major subject is mathematics, and who are especially interested in the current literature regarding the history and teaching of mathematics. Its membership is restricted to those having completed the courses in mathematics required of all students. Its meetings are held on the last Wednesday evening of each month.

THE HOME ECONOMICS CLUB was organized in the second semester of 1912-'13 by the girls majoring in home economics. The club meets on Wednesday nights at 7:30. Its members interest themselves in social and economic problems.

DER DEUTSCHE VEREIN is an organization open to all students in the department of German, except beginners. It meets on the first and third Wednesday evenings of each month of the regular School year. Its chief objects are the discussion of valuable books and periodicals, the observation of important German holidays and anniversaries, additional practice in speaking German, and the enjoyment of pleasant social hours.

THE EUROPEAN HISTORY CLUB is organized for those students who are interested particularly in the department of European history. Its aim is to draw the students through this special interest into closer social and intellectual union. The study of some historical theme is pursued throughout the year, the stu-

dents themselves taking a large part in the presentation and discussion of the subject. The club meets on the first and third Wednesdays of each month.

SPEECH ARTS ASSOCIATION. Early in this year it was deemed advisable to reorganize the Oratorical and Debating Associations. This was done by organizing the Speech Arts Association with an enlarged scope, sufficient to include all the speech arts. Through this larger association are managed all the public events representing the college in the related fields of debate, oratory, declamation, dramatics, story-telling.

The purpose of the association is expressed in article II of the constitution as follows: "The purpose of this association shall be to foster an interest in the various forms of speech arts among the students and patrons of the college and to provide means therefor."

An annual debate is held with the State Normal School of Alva, Okla., and others are being planned. The association also provides for a representative in the Interstate Normal School Oratorical Contest, held annually between representatives of the Normal Schools of Illinois, Iowa, Kansas, Missouri, and Wisconsin.

STUDENT SOCIETIES AND CLUBS.

THE SIGMAS, a girls' debating society, organized in 1910. While not neglecting entirely the entertainment phase of an association, this society has for its earnest aim, skill and readiness in debate and public speech. It meets regularly once a week, with occasional try-outs with some one of the men's debating clubs. Membership honors come by way of a nominating committee chosen from the members of the society.

THE ALPHA RHO TAU SOCIETY was organized in February, 1912, by advanced students in the Art Department. The society meets Saturday mornings for sketching or other art work, and one Saturday of each month is devoted to a social meeting. The art teachers are sponsors for the society.

IONIAN SOCIETY, a group of thirty wide-awake college girls interested in social and literary pursuits. Membership is obtained by election and invitation from the society. During the year 1912-'13 the society has made a study of dramatics, consisting of a study of a play, its author and the actors who produce it. Composers, musicians, grand opera and concert performers have had their share in the year's programs.

JAYHAWKER DEBATING CLUB. This organization is composed of about twenty-five young men of the college, who meet weekly, on Saturday morning, for the discussion and formal debate of live current topics. At times active parliamentary practice is engaged in, under the criticism of a Faculty member. A good oportunity is thus afforded young men to secure training for public service.

K CLUB. This club is composed of the men who have won the "K" in athletics. Its purpose is to better the athletic interests of the School and to attract men to the Normal in a legitimate way.

THE OMEGA SOCIETY is the oldest girl's society in the School. It was organized in 1902 by a group of girls desiring special training in literary research and debate. During the eleven years since its organization the society has stood for the best of

all School activities, and has swerved from its original purpose only in so far as debate is no longer emphasized. Aside from the literary and educational value of the society, many of the social activities of the School center here. During the School year of 1912-'13, the time has been almost equally divided between literary programs and social events.

THE CATHOLIC CLUB is an organization of the Catholic students of the School, formed in the spring of 1912 for purely social purposes. With the reorganization in September, 1912, the purpose was extended to include also the study of some subject of especial interest to the members. The subject chosen for the current year is the history of church development. The officers are a president and secretary, and membership is open to any student in School who may wish to join the club.

NEWSPAPERS.

The following Kansas and Oklahoma newspapers are on file at the Library by the generosity of the publishers, and are a source of pleasure to students:

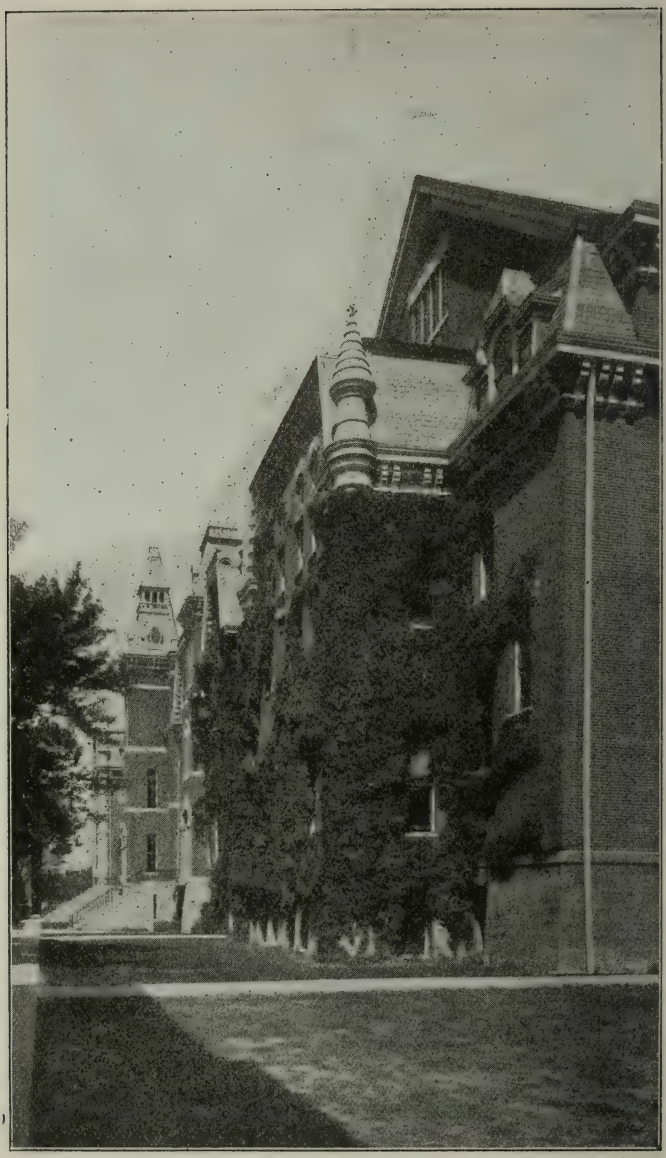
Allen, Enterprise.
Alma, Enterprise.
Alma, Signal.
Americus, Greeting.
Anthony, Bulletin.
Anthony, Republican.
Ashland, Clipper.
Augusta, Daily Gazette.
Belle Plaine, News.
Beloit, Gazette.
Bison, Bee.
Burlingame, Osage County Chronicle.
Burlington, Independent.
Burlington, Republican.
Burns, Citizen.
Burr Oak, Herald.
Cassoday, Times.
Chanute, Times.
Chetopa, Advance.
Cimarron, Jacksonian.
Clay Center, Dispatch.
Clay Center, Times.
Clyde, Republican.
Colby, Tribune.
Columbus, Advocate.
Columbus, Modern Light.
Concordia, Daily Blade.
Concordia, Kansan.
Council Grove, Guard.
Council Grove, Republican.
Courtland, Comet.
Dexter, Dispatch.
Dodge City, Globe.
Dodge City, Kansas Journal.
Downs, Times.
El Dorado, Walnut Valley Times.
El Dorado, Daily Republican.
Elk City, Sun.
Ellsworth, Reporter.
Erie, Record.
Erie, Sentinel.
Eskridge, Tribune-Star.
Eureka, Democratic Messenger.
Eureka, Herald.
Florence, Bulletin.
Fort Scott, Daily Republican.
Fort Scott, Weekly Republican.
Fredonia, Herald.
Fredonia, Wilson County Citizen.
Galena, Cosmos.
Galena, Weekly Republican.
Garden City, Herald.
Girard, Press.
Glasco, Sun.
Goodland, Republic.
Goodland, Sherman County Record.
Great Bend, Tribune.
Greenleaf, Sentinel.
Hanover, Democrat.
Hays, Free Press.
Hays, News-Republican.
Hiawatha, Herbert's Weekly.
Hillsboro, Vorwarts.
Holton, Recorder.
Holton, Signal.
Home City, Tribune.
Howard, Courant.
Howard, Elk County Citizen.
Humboldt, Daily Herald.
Hutchinson, News (daily).
Independence, South Kansas Tribune.
Iola, Daily Register.
Jetmore, Republican.
Junction City, Republic.
Kansas City, Gazette-Globe (daily).
Kingman, Journal.
Kingman, Leader-Courier.
La Cygne, Weekly Journal.
Lamont, Leader.
Larned, Chronoscope.
Larned, Tiller and Toiler.
Lawrence, Daily Journal-World.
Leavenworth, Daily Post.
Lebanon, Times.
Liberal, News.
Lincoln, Republican.
Lincoln, Sentinel.
Linn, Digest.
Longford, Leader.
Longton, Gleaner.
Lyndon, Osage County Democrat.
Lyndon, People's Herald.
Lyons, Central Kansas News-Democrat.
McPherson, Democrat-Opinion.
McPherson, Weekly Republican.
Madison, Spirit.
Mankato, Western Advocate.
Marion, Record.
Marion, Review.
Marysville, Marshall County News.

Medicine Lodge, Barber County Index.
Medicine Lodge, Cresset.
Melvern, Review.
Meriden, Ledger.
Moline, Advance.
Mound City, Linn County Democrat.
Mound City, Linn County Republic.
Mulvane, News.
Muskogee, Okla., Daily Phœnix.
Neodesha, Register.
Ness City, News.
Newton, Evening Kansan-Republican.
Newton, Herald.
Newton, Journal.
Norton, Courier.
Oakley, Graphic.
Olathe, Kansas Star.
Olathe, Mirror.
Osage City, Free Press-Public Opinion.
Oskaloosa, Independent.
Otis, Reporter.
Ottawa, Daily Republic.
Ottawa, Weekly Herald.
Paola, Miami Republican.
Parker, Message.
Parsons, Daily Sun.
Pawnee, Okla., Times-Democrat.
Peabody, Gazette.
Peabody, Herald.
Plainville, Gazette.
Pleasanton, Observer-Enterprise.
Pratt, Republican.
Pratt, Union.
Randolph, Enterprise.
Republic, News.
Russell, Record.
St. John, Weekly News.
Sabetha, Herald.
Salina, Semi-weekly Journal.
Sedan, Times-Star.
Seneca, Tribune.
Sharon, Sharon Valley Times.
Simpson, News.
Smith Center, Pioneer.
Stafford, Courier.
Sterling, Bulletin.
Stockton, Review.
Strong City, News-Courant.
Summerfield, Sun.
Tribune, Greeley County Republican.
Troy, Weekly Kansas Chief.
Valley Center, Index.
Valley Falls, Eastern Kansan.
Valley Falls, Farmer's Vindicator.
Washington, Republican-Register.
Waterville, Telegraph.
Wathena, Republican.
Wathena, Times.
Wellington, People's Voice.
Westmoreland, Recorder.
Westmoreland, Signal.
Westphalia, Times.
Wichita, Daily Eagle.
Winona, Logan County News.
Yates Center, News.
Yates Center, Woodson Co. Advocate.

Total, 166.

THE COLLEGE.

(33)



MAIN BUILDING, EAST END.

The College.

Faculty.

JOSEPH H. HILL,
President of the State Normal School.

THOMAS W. BUTCHER,
President elect of the State Normal School.

J. H. GLOTFELTER,
Vice President of the State Normal School.

THOMAS M. IDEN,
Dean of the College.

ARTS.—
EMMA L. GRIDLEY, Professor of Drawing.
DANNETTA M. ECKDALL, Instructor in Drawing.
HERBERT HILL BRAUCHER, Professor of Manual Training.
BETH WARNER MULL, Professor of Home Economics.
GERTRUDE FLINN, Instructor in Home Economics.

BIOLOGICAL SCIENCES.—
LYMAN C. WOOSTER, Professor of Zoölogy and Geology.
LOTTIE E. CRARY, Professor of Botany.
FRANK W. WHITE, Professor of Physiology and Hygiene.
CHARLES R. PHIPPS, Instructor in Agriculture.
F. U. G. AGRELIUS, Instructor in Bacteriology.

COMMERCE.—
LEONARD A. PARKE, Professor of Commerce.
CELIA MANNING, Instructor in Commerce.

ENGLISH.—
EVA MCNALLY, Professor of Rhetoric.
ANNABEL NEWTON, Instructor in English.
ARTHUR E. MULLINS, Instructor in English.

GEOGRAPHY.—
DANIEL E. ELLSWORTH, Professor of Geography.

HISTORY GROUP.—
MARY A. WHITNEY, Professor of American History.
ARTHUR F. STROME, Professor of American History.
PELAGIUS WILLIAMS, Professor of European History.
WALTER R. SMITH, Professor of Sociology and Economics.
CHARLES E. HILL, Professor of Political Science.

LANGUAGES.—
WILLIAM L. HOLTZ, Professor of Latin.
LILLIAN M. DUDLEY, Professor of Modern Languages.

LIBRARY SCIENCE.—
WILLIS H. KERR, Professor of Library Science.
GERTRUDE A. BUCK, Professor of Library Science.

MATHEMATICS.—
FISKE ALLEN, Professor of Mathematics.
GEORGE W. ELLIS, Associate Professor of Mathematics.

MUSIC.—
HENRY D. GUELICH, Director of the Department of Music and Professor of the Theory and History of Music.
FRANK A. BEACH, Professor of Public-school Music.

PEDAGOGY, GENERAL.—
NORMAN TRIPLETT, Professor of Psychology and Philosophy.
EDGAR F. RILEY, Professor of School Administration.
W. S. MONROE, Professor of History and Philosophy of Education.
J. R. JEWELL, Professor of Secondary Education.
H. M. CULTER, Professor of Rural School Administration.
J. H. GLOTFELTER, Director of the Training School.
ACHSAH M. HARRIS, Professor of Elementary Education.

PHYSICAL SCIENCES.—
T. M. IDEN, Professor of Chemistry.
G. W. TIDD, Professor of Physics.

PHYSICAL TRAINING.—
CLAIR K. TURNER, Director of Physical Training for Men.
MABLE L. SMITH, Director of Physical Training for Women.

SPEECH ARTS.—
R. H. RITCHIE, Professor of Speech Arts.
CAROLINE M. MEDDERS, Professor of Speech Arts.

ADMISSION.

Students are admitted to the first year of college work upon the satisfactory completion of fifteen units of work in the Secondary School of the State Normal School, or in an approved high school or other preparatory school of good standing. A transcript of the record of the student certified to by the principal should be sent to the Registrar as early as July 1 if the student wishes to enter the following September, and as early as June 1 if the student wishes to enter for the summer term. The transcript should indicate the textbooks studied, the number of recitations per week, the length of the school year, and the class standing. Students should not send or present diplomas unless they enumerate the subjects studied and passed. Students who have done college work in reputable institutions may be given advanced college standing so far as the work they have done applies on the courses of study of this institution.

REGISTRATION.

Students who are graduates of approved high schools or other preparatory schools of good standing should go to the office of the Dean of the College, Main Building, who in connection with the student's adviser will direct the student in the selection of

work. Registration days are designated in the school calendar printed on an earlier page of this catalogue. Students should register on these days, and enter upon the work of their classes the opening day. It is not probable that credits can be earned if students register later. In addition to the subjects assigned, the student may visit the work of other classes, but this work also must be listed on the program and receive the approval of the student's adviser and the Registrar. All students must be registered. No credits will be entered upon the records of the institution for which formal registration has not been made. Students registered as visitors will pay the usual fees.

THREE-YEAR STATE CERTIFICATE.

The Three-year State Certificate is given upon completion of thirty-two hours of college work, which is outlined under the head of "Certificates and Diplomas" on an earlier page of this catalogue.

LIFE CERTIFICATE.

On completion of the two-year College course a diploma is issued which, without any further inspection or approval, is a life certificate to teach in the public schools of Kansas, including those of all classes of cities and high schools. Students completing the work in any term of the year are entitled at once to the legal privileges incident to graduation; but, excepting those completing work in August, are listed with the class of the succeeding June, and their diplomas are usually issued at the June commencement. Students completing the work in August will be listed with the class of the preceding June. The roll of the class for graduation is made up the first of April, nine weeks prior to commencement, and all work except such as is included on the student's program for that semester must be completed by that time in order that students may be listed for graduation with the class. Candidates for August graduation should be listed as such one week prior to the commencement exercises in June.

DEGREE.

The completion of the four-year College course entitles the graduate to the degree of bachelor of arts (in education). The diploma given has the same legal force as a life certificate as has the diploma of the two-year College course.

No diploma is granted for less than a year's residence.

Definite arrangements have already been made for the acceptance of students completing this course as graduate students and candidates for higher degrees in representative universities ranking among the very best of this country.

COLLEGE CREDIT.

College credits are estimated in hours. An hour of credit is earned by the student who carries a course one semester in a class meeting once a week. Likewise, an hour of credit is earned by the student who carries a course a half semester, the class meeting twice a week. There are but few courses in which the credit is only one hour, but this serves as the basis for determining the credit value of courses.

MAJOR.

A major represents thirty hours of work in one department, or by consent of the heads of closely related departments the work in those departments. In those departments where there are prescribed courses these courses are a part of the major, except in the General Pedagogy group twenty hours in addition to the prescribed courses are regarded as completing a major. The head of the department in which most or all of the major work is done is regarded as the student's adviser.

STUDENT-FACULTY COUNCIL.

There was established for the College, in November, 1910, a Student-Faculty Council for the consideration of such questions pertaining to school life and the general student welfare as may by action of the President of the School or by vote of the Faculty be referred to it, either for discussion and recommendation or for final action, as may be suggested in the reference. There are seven Faculty members, including the President and Vice President of the School and the Dean of Women as *ex officio* members. The remaining members are selected by the Faculty, in such manner as they may determine, from the list of full professors, on the second Tuesday of the second term of each school year. The four members selected for the year 1912-1913 are Dean Iden, and Professors Jewell and Allen and Miss Smith. Meetings of the Council are announced.

CERTIFICATES FOR SPECIAL PROFICIENCY.

RURAL SCHOOL TEACHING.

Candidates for the Life Certificate desiring also the certificate for Special Proficiency in Rural-school Teaching must complete the general and special requirements for the Life Certificate, and in addition elect from the following subjects a sufficient number of hours to make sixty-four hours. This selection must be approved by the adviser for this special certificate:

Rural Life Problems	3 hours.
Manual Training, or Home Economics,	4 hours.
Agriculture	4 hours.
Drawing	4 hours.
Bacteriology	4 hours.
Music	2 hours.
School Hygiene and Sanitation	3 hours.
Government	2 hours.
Chemistry	3 hours.

PRIMARY TEACHING.

Candidates for the Life Certificate desiring also the Certificate for Special Proficiency in Primary Teaching must complete the general and special requirements for the Life Certificate, and in addition elect from the following subjects a sufficient number

of hours to make sixty-four hours. This selection must be approved by the adviser for this special certificate:

Child Psychology	2 hours.
Plays and Games	2 hours.
School Hygiene	2 hours.
Primary Methods	4 hours.
Drawing	4 hours.
Music	4 hours.
Elective	6 hours.

INTERMEDIATE AND GRAMMAR GRADE TEACHING.

Candidates for the Life Certificate desiring also the Certificate for Special Proficiency in Intermediate and Grammar-grade Teaching must complete the general and special requirements for the Life Certificate and in addition elect from the following subjects a sufficient number of hours to make sixty-four hours. This selection must be approved by the adviser for this special certificate:

Psychology of Adolescence	3 hours.
Or Child Psychology	2 hours.
Manual Training, or Home Economics,	4 hours.
Music	4 hours.
Drawing	4 hours.
School Hygiene and Sanitation	3 hours.
Government	2 hours.
Methods in Penmanship	2 hours.
Agriculture	4 hours.
Physical Training Methods	2 hours.
Additional Special Methods	2 hours.

The Courses of Study.[1]

FRESHMAN YEAR.

FIRST SEMESTER.

Required:

Advanced Algebra and its Applications[2]	4 hrs.
Composition and Rhetoric	3 hrs.
Psychology	2 hrs.
Library Methods	1 hr.
Physical Training	1 hr.

Select from the following electives five to seven hours:

Latin	5 hrs.
German or French	5 hrs.
Drawing	2 hrs.
Music	2 hrs.
Agriculture	2 hrs.
Physiology	3 hrs.
Botany or Zoölogy and Geology	4 hrs.
Speech Arts	3 hrs.
European History	3 hrs.
American History	3 hrs.
Commerce	3 hrs.
Manual Training	2 hrs.
Government	3 hrs.
Library Science	3 hrs.

SECOND SEMESTER.

Required:

Physics or Chemistry[3]	4 hrs.
Elements of Literature or Nineteenth Century Literature or American Literature[4]	3 hrs.
General Methods and Observation	3 hrs.
Physical Training	1 hr.

Select from the following electives five to seven hours:

Latin	5 hrs.
German or French	5 hrs.
Drawing	2 hrs.
Music	2 hrs.
Agriculture	2 hrs.
Geography	3 hrs.
Bacteriology	4 hrs.
Speech Arts	3 hrs.
European History	3 hrs.
American History	3 hrs.
Commerce	3 hrs.
Domestic Science or Art,	4 hrs.
Manual Training	2 hrs.
Economics or Sociology,	3 hrs.
Library Science	3 hrs.

1. It is required that all students completing the life-certificate course, and who are not candidates for a certificate of special proficiency, take at least eight hours in one of the groups offered in the several departments as major groups for the completion of the full four-year course. The selection of the major should be made not later than the opening of the Sophomore year, and must be made by the middle of the year, the head of the department in which the major is taken becoming the student's adviser.

2. Arithmetic and Arithmetic Teaching constitute the Mathematics requirement for the special proficiency certificates.

3. Physics of Common Things constitutes the Physics requirement for the special proficiency certificates.

4. Story Telling, or Children's Literature, each three hours, constitutes the Literature requirement for the special proficiency certificates for Primary Teaching.

SOPHOMORE YEAR.

FIRST SEMESTER.

Required:

Psychology	4 hrs.
Zoölogy or Geology[5]	4 hrs.
American or European History	3 hrs.
Physical Training	1 hr.
From major or from electives taken from departments indicated above as offering either required or elective work	4 to 6 hrs.

SECOND SEMESTER.

Required:

Grade School Administration,[6] or Rural School Problems[7]	2 hrs.
Practice Teaching	4 hrs.
Special Methods[8]	6 hrs.
Physical Training	1 hr.
From major or from electives taken from departments indicated above as offering either required or elective work	3 to 6 hrs.

5. Field Zoölogy and Nature Study constitute the Biological Science requirement for the special proficiency certificates.

6. Required for Life Certificate, elective for Degree.

7. Required for Special Proficiency Certificate for Rural School Teaching.

8. To be selected from the several Special Methods courses (the credit value of each is two hours): Reading, Arithmetic, Geography, Grammar, History.

Sixteen hours is the regular and eighteen hours the maximum amount of work per semester in the Freshman and Sophomore years.

JUNIOR YEAR.

FIRST SEMESTER.

Required:

Secondary School Administration	3 hrs.
History of Education	3 hrs.
Major	5 hrs.
Elective	4 hrs.

SECOND SEMESTER.

Required:

Psychology	3 hrs.
Principles of Education,	3 hrs.
Major	5 hrs.
Elective	4 hrs.

SENIOR YEAR.

FIRST SEMESTER.

Required:

Practice Teaching	4 hrs.
Major	5 hrs.
Elective	6 hrs.

SECOND SEMESTER.

Required:

Major	5 hrs.
Elective	10 hrs.

Outline of Instruction.

No Freshman or Sophomore course will be given unless registered for by twelve students; no Junior or Senior course, unless registered for by seven students.

THE ARTS.

Drawing.

Miss GRIDLEY, Mrs. ECKDALL.

1.—FREE-HAND DRAWING. *Two hours credit.* Each Semester.

First Semester, at 8, 9 and 10:30, daily; Second Semester, at 8 and 9; Summer Term, at 8 and 9.

Free-hand drawing, with pencil, charcoal and crayon, principles of perspective—elementary composition. Open to college students. Required for Kindergarten Life Diploma. No work required outside of daily class period.

2.—LIGHT AND SHADE. *Two hours credit.*

Each Semester, and Summer Term.

First and Second Semesters, at 8 and 10:30, daily; Summer Term, at 10:30 and 11:30, daily.

No work required outside of daily class period.

3.—ELEMENTARY WATER COLOR. *Two hours credit.*

Each Semester, and Summer Term.

First Semester, at 9 and 11:30, daily; Second Semester, at 11:30, daily; Summer Term, at 8 and 10:30, daily.

Prerequisite, Free-hand Drawing; Light and Shade, or courses in Elementary Free-hand Drawing. No work required outside of daily class period.

4.—BLACKBOARD ILLUSTRATION. *Two hours credit.*

First half each Semester, and Summer Term.

M. T. W. F., at 9; Summer Term, at 11:30.

Practice in blackboard illustration, using chalk, charcoal and colored crayons. Required of students taking the Kindergarten Life Diploma. May be taken by those desiring any of the Special Proficiency Certificates.

4*a*.—DRAWING AND HAND WORK. *Two hours credit.*

Second half each Semester, and Summer Term.

M. T. W. F., at 9.

Elementary water color, design, weaving, modeling, paper cutting and other practical hand work for use in the lower grades and rural schools. Open to all students. May be taken by those desiring any of the Special Proficiency Certificates.

5.—PICTURE STUDY IN THE GRADES. *Two hours credit.*
First Semester, and Summer Term.
First Semester, T. Th., at 11:30; Summer Term, M. T. W. F., at 11:30.
Open to all students.

6.—ADVANCED FREE-HAND DRAWING AND METHODS.
Two hours credit. Second Semester.
T. Th., at 11:30.
Advanced free-hand perspective and methods of teaching drawing. Adopted to be of practical value to teachers in grammar grades and high schools.

7.—ELEMENTARY AND APPLIED DESIGN. *Four hours credit.*
Second Semester.
M. T. W. F., at 3.
Historic ornament and design. Making original designs to be worked out in metal; also designs applied to fabrics by stencil and block-printing process. Original decorative wash drawings, color harmonies, lettering, interior decoration and costumes.

8.—HISTORY OF PAINTING. *Four hours credit.* Each Semester.
M. T. W. F., at 10:30.

9.—HISTORY OF ANCIENT ARCHITECTURE. *Two hours credit.*
First Semester.
M. W., at 11:30.

9*a*.—HISTORY OF CHURCH ARCHITECTURE. *Two hours credit.*
Second Semester.
T. Th., at 11:30.

10.—HISTORY OF SCULPTURE. *Two hours credit.*
Second Semester.
M. W., at 11:30.
NOTE.—History of art courses are open to all college students.

11.—CLAY MODELING. *Two hours credit.* First Semester.
T. Th., at 3.
Elementary modeling of clay suitable for hand work in lower grades. More advanced work, including plaster casting and patting for higher grades and high schools.

12.—ART APPRECIATION. *Three hours credit.* Second Semester.
M. W. F., at 10:30.
A course in art appreciation. Open to students having completed courses 5, 8 and 10.

13.—ADVANCED LIGHT AND SHADE. *Four hours credit.*
Each Semester, and Summer Term.
M. T. W. F., at 2.
Prerequisites, courses 1 and 2. Advanced work in light and shade in wash drawing and charcoal. Studies are made from cast and still life.

14.—ADVANCED WATER COLOR. *Four hours credit.*
Each Semester, and Summer Term.
M. T. W. F., at 9.
Prerequisites, courses 1, 2 and 3. Studies in landscape, fruit, flowers and still life.

15.—MECHANICAL PERSPECTIVE. *Two hours credit.*
Hours and days of meeting to be arranged.
Prerequisite, course 1.

16.—BASKETRY. *Two hours credit.* Each Semester.
M. W., at 3.
History of basketry. Instruction in weaving with reeds and raphia suitable for hand work in all grades and high school. Open to all students.

Home Economics.

HOUSEHOLD ART.

Miss FLINN.

Beginning courses for students of college rank are listed in the work of the Secondary School. The Summer Term courses will be determined by the demand. In all household art courses the student furnishes her own materials, except in hand sewing, where a laboratory fee of $1.25 is charged to cover materials used from laboratory supplies, and in drafting courses a fee of 75 cents is charged for paper used.

1.—SEWING. *Two hours credit.*
Second half Second Semester, and Summer Term.
M. T. W. F., at 8.
This course may be taken to meet two hours of the requirement for the Special Proficiency Certificate for Rural School Teaching. The course deals with general principles of hand sewing, straight-line pattern drafting, plain garment making, machine work, and the study of yard lines and color in dress.

2.—HOUSEHOLD EFFICIENCY. *Two hours credit.*
First half Second Semester, and Summer Term.
M. T. W. F., at 4.
This course may be taken to meet two hours of the requirement for the Special Proficiency Certificate for Rural School Teaching. The course deals with household conditions as affecting the health and comfort of the family and community; location and furnishing of the house; cleaning, step saving; household appliances, accounts, and a general study of the household. (Mrs. Mull.)

3.—ADVANCED HAND SEWING. *Four hours credit.*
Each Semester.
M. T. W. Th., at 9.
Elective in the Freshman year. This course for Three-year State Certificate. A prerequisite to all succeeding household art courses. The aim is to teach students to be able to do accurate, durable hand work, neatly, skillfully

and quickly. This includes general instructions about the implements used in hand sewing; the proper position of the body and use of the eyes while sewing; as well as a full course in practical needlework, including the different stitches, both useful and ornamental, their uses and combinations; putting in insertions, laces, embroideries; and the application of these to useful articles; the organization of the material offered in the course and plans for presentation in the schools. Free-hand drawing should be carried the same semester, in order that the student may be ready for subsequent sewing courses with drawing prerequisites. Deposit, $1.25.

4.—MACHINE WORK AND PLAIN SEWING, AND PATTERN DRAFTING. *Four hours credit.*

Each Semester, and Summer Term.

M. T. W. F., at 10:30; Summer Term, M. T. W. F., at 10:30 to 12.

Prerequisite, Advanced Hand Sewing. Elective. Required of all students majoring in household art. A prerequisite for course 5. This course consists of a study of the use of patterns, taking of measurements, and the drafting of patterns for aprons and underwear; tests for shrinkage, strength of warp and woof of threads, for filling; planning of garments, and careful estimation of amount of material necessary; cutting, fitting and making of cooking apron, corset cover, drawers, underskirt or princess slip, and nightdress, showing in their finished work an application of the steps taught in course 3. A complete course in drafting and designing of patterns for waists, skirts and dresses, in preparation for course 5. During this semester, elementary water color and elementary and applied design should be carried in order to satisfy the prerequisite for dressmaking. Deposit, 75 cents.

5.—DRESSMAKING. *Four hours credit.* Each Semester.

M. T. W. F., at 11:30.

Prerequisite, Free-hand Drawing and Household Art 4. Elective. Required of all students majoring in household art. A study of all materials and trimmings suitable for dresses; shrinkage or any special treatment before and cautions to be observed while sewing the different materials. Plan, design and draft patterns suitable for the four dresses to be made—plain house dress, tailored dress, afternoon dress, and fancy dress. Consideration of color and adaptation of materials, proportions and individual styles. All experiences of the course lead to the development of judgment, originality and self-reliance in the selection of neat, serviceable dresses. Deposit, 50 cents.

6.—MILLINERY AND ART NEEDLEWORK. *Four hours credit.*

First Semester.

M. T. W. F., at 2.

Prerequisites, Free-hand Drawing, Elementary Water Color, and Elementary and Applied Design. Elective. This course is designed to familiarize the students with the simple stitches used for the finishing or decoration or articles of clothing or house furnishings. The course includes

scallops and dots, various ways of padding and their application, outline, eyelet, French embroidery, drawn work, Oriental weaving, darning, applique, cross-stitch, Wallachian, Hardanger, cut work, Bermuda, crocheting and knitting.

7.—ART NEEDLEWORK AND MILLINERY. *Four hours credit.*

Second Semester.

M. T. W. F., at 2.

Prerequisites, those for course 6. Elective. An attempt is made to develop judgment and skill in renovating and cleaning all millinery materials; altering or remodeling of hats or bonnets used before; the creating of simple models from new and inexpensive materials, and a study of the different millinery stitches, bows, rosettes, etc. An attempt to develop skill in the handling of the materials and taste in their selection and combination. A study of styles, both fall and spring; individual styles; suitability of materials. Designing and making of frames of wire and buckram; covering of frames, lining of hats, draping and trimming of hats.

9.—TEXTILES. *Two hours credit.* Second Semester.

T. Th., at 8.

Elective. Required of all persons majoring in and expecting to teach household art. A prerequisite to household art 8, special methods. All through the courses in sewing a careful study is made of the textile fibers, the history and manufacture of the materials used, as a help to judgment in buying; always considering wearing quality, adaptability to use, permanence of color, and harmony of design to the particular uses for which they are intended. A study of the preparation of fibers, spinning and weaving. Kinds of looms, weaves, and kinds of cloth in which used—plain twill, sateen, rib, and basket. Study of fibers—vegetable fibers, animal fibers, mineral fibers. Special study of cotton, flax, silk and wool. Comparison as to prices, appearance, uses and wearing qualities. Study of dyes and dyeing processes, and their effect upon the fibers. Identification of materials, and their intelligent buying and use.

HOUSEHOLD SCIENCE.

MRS. MULL.

EQUIPMENT OF STUDENT:

Students must be supplied with at least two each of the following articles:

White princess aprons.
White plain half-sleeves.
White or unbleached crash holders, 6 x 8 inches.
White or checked hand towels made of linen cup toweling, 18 inches square.

Students must also be supplied with wash dresses, or at least wash shirt waists, for the laboratory, and should have at least one white shirt-waist suit.

FEES.—The laboratory fees for courses 12 and 13 are $6 per semester. Fees for course 14 are $3 for the semester; for course 15, $6 for the semester; for course 19, $2 for the semester.

10.—FOODS. *Two hours credit.*

Second half Second Semester, and Summer Term.

Recitation, T. Th., at 3; laboratory, 2 to 4, M. W. F.

May be taken for two hours of the required work for the Special Proficiency Certificate for Rural School Teaching. This course is designed to meet the needs of rural teachers who desire some general knowledge of foods in order to do some domestic science teaching in their schools. It is also a desirable course for housekeepers.

11.—TEACHERS' COURSE. *Two hours credit.* Summer Term.

M. T. W. Th., at 8.

May be taken for two hours of the required work for the Special Proficiency Certificate for Rural School Teaching. This course is planned to meet the needs of rural teachers, and deals with some of the problems of home and school sanitation during the first half of the term, the last half of the work being devoted to plans for simple lessons to be given in country schools and plans for equipment for such teaching.

12.—SELECTION AND PREPARATION OF FOOD. *Four hours credit.*

Second Semester.

Recitation, T. Th., at 5; laboratory, M. W. F., at 4 to 6.

Elective. Prerequisites, four hours each of Physics, Chemistry and Zoölogy, and three hours of Physiology. This course contains a study of the kitchen, plan, equipment, standard measures, fuels and temperatures; nature and uses of food; source, condition, chemical composition and function in the body; the food principles, with special study of the economic and æsthetic value, and principles governing selection, preparation and manipulation of foods. Proteids, fats, water, mineral matter. Demonstrations. Laboratory fee, $6.

13.—ECONOMIC USES OF FOODS. *Four hours credit.*

First Semester.

Recitation, T. Th., at 4; laboratory, M. W. F., at 4 to 6.

Prerequisites, those for course 12, and Qualitative Analysis; four hours of Botany and three hours of Bacteriology. Elective. The course includes a study of food preservation and reasons for the same, and methods of its accomplishment; uses of preservatives; a study of bacteria and their relation to food preservation, carbohydrates, classes chemical composition, digestion, and application of heat in their preparation for the table; bread and the principles of bread making; food values and nutrient equivalents; the preparation of meals, their proper service and cost. Laboratory fee, $6.

14.—DIETETICS. *Four hours credit.* Each Semester.

M. T. W. F., at 9.

Prerequisites, Home Economics 12 and 13, and their prerequisites; Quantitative Analysis, Organic Chemistry, Special Analysis; Physiology of Alimentation and Dietetics, and Bacteriology. Elective. The course includes the study of nutrients found in various foods; the proper balancing of

meals; the chemistry of food and nutrition; discussion of the healthful diet for persons in normal condition of health but differing in occupation; influence of climate and seasons upon needed changes in diet; diet in disease; effect of various food constituents upon any one disordered digestive agent; invalid cookery. Laboratory fee, $3.

15.—SERVING. *Two hours credit.*

First Semester, and Summer Term.

Recitation on M., at 10:30; laboratory, W. F., at 10:30 to 12:20.

Prerequisites, Home Economics 12 and 13 or 10. In this course attention is given to the preparation of full meals for varying numbers of persons. The balancing of the meals; æsthetic cookery and serving; various methods of serving—buffet, caffeteria, table service, the dining room, table equipment, proper service of meals differing in type and formality. Emphasis is placed on the æsthetic and economic sides of the selection and preparation of the materials. Laboratory fee, $6.

16.—THE HOUSE AND THE HOME. *Four hours credit.*

First Semester.

M. T. W. F., at 8.

Prerequisites, Mechanical Drawing, Advanced Free-hand Drawing, Elementary Water Color, and Decorative and Constructive Design; Bacteriology first half. Elective. This course is a series of general lessons in home keeping. A study of the house, its location, lighting, ventilation, plumbing, drainage, water supply, plan. A study is made of cleansing agents, sanitation, fumigation, household pests; the home, the family, its evolution, its relation to the home; the house interior, bathrooms, sinks, cellars, ice chests, carpets, furnishings, hangings, color harmonies, cost of materials, and plans and color schemes for interiors.

17.—METHODS AND HISTORY OF HOME ECONOMICS.

Three hours credit. Second Semester.

M. W. F., at 8.

Prerequisites, General Psychology, General Methods and Observation, Home Economics 3, 4, 5 and 9, or 12, 13, 14 and 16; but all of these, should the student be majoring, also Economic Sociology and Community Betterment. This course includes methods in both household art and household science and is required of all persons expecting to be recommended from the department as household science or household art teachers. It includes a study of the history of home economics, and the history and growth of both industrial education and the education of women, together with studies in equipment and supplies, courses of study, and lesson plans. Three hours per week for ten weeks, followed by practice teaching three hours per week for ten weeks in the grades of the Training School or in the secondary classes.

18.—HOUSEHOLD MANAGEMENT. *Two hours credit.*

First Semester, and Summer Term.

T. Th., at 10:30; Summer Term, at 9.

The course offers study and experience in marketing, weights, choice of materials, judgment of values, keeping of accounts, simple tests for adulterants of both textile and food products; the choice and value of various household conveniences; plans for economy of time, strength, and money; the care and protection of household supplies. Laboratory fee, $2.

Manual Training.

Professor BRAUCHER.

The courses in Manual Training are outlined with the purpose of giving all teachers who can avail themselves of the opportunity a thorough general knowledge of the subject as used in our public schools as a means of general education. The courses are elective and open to all students who may wish to prepare for teaching handwork in schools. For the purposes of superintendents and principals, and candidates for the Certificates of Special Proficiency in Intermediate and Grammar Grades or Rural School Teaching, the general courses may be modified to meet the particular needs of the individuals electing them. Students majoring in agriculture, physics or mathematics may also have the general courses modified to meet their particular needs. The course in primary handwork is planned with special reference to the needs of primary teachers. The courses in drawing and woodwork are arranged in their order of sequence, and should be taken in regular order unless special reasons show a need for changing it.

1.—MECHANICAL DRAWING. *Four hours credit.*

Each Semester, and Summer Term. Half the course will be given in the Summer Term.

Daily, at 10:30.

Open to college students who have had geometry. A course in the elements of mechanical drawing, beginning with geometrical constructions and dealing with orthographic, isometric and cabinet projections, surface developments, intersections, shadows, etc. Working drawings are required to give training in the application of mechanical drawing to accurate expression in the industries. An effort is made to get practical results, while at the same time giving as much of the theoretical principles as the time will permit. Supplies, $2.50 per Semester.

2.—WOODWORKING. *Four hours credit.*

Each Semester, and Summer Term. Half the course will be given in the Summer Term.

Daily, at 8.

Prerequisite, course 1. A course in elementary woodworking for mature students who have some ability and training in the use of woodworking tools, but have not applied this skill to preparation for manual training. The work at the bench will include exercises in designing and

making problems suited to manual training for children in the grades, to give a knowledge of work suitable for the beginner. Deposit for supplies, $2 to $3.

3.—JOINERY AND CABINETMAKING. *Four hours credit.*

Each Semester, and Summer Term. Half the course will be given in the Summer Term.

Daily, at 9.

Prerequisites, courses 1 and 2. A course in advanced woodworking, dealing with more extensive problems in wood construction in which a large use is made of joints and panels. Problems requiring student initiative and adaptation will be assigned involving practical applications of constructive design and the selection of appropriate principles of construction. Deposit for supplies, $1 to $5.

4.—WOOD TURNING. *Four hours credit.*

Each Semester, and Summer Term. Half the course will be given in the Summer Term.

Daily, at 11:30.

Prerequisites, 1 and 2. A course in wood turning, beginning with elementary exercises in spindle turning, with applications. Some problems in faceplate and chuck work will be given, together with as wide an application of the work to practical construction as time will permit. Deposit for supplies, $2 to $5.

5.—THEORY AND PRACTICE. *Two hours credit.*

Second Semester, and Summer Term.

T. Th., at 2.

Prerequisites, 1 and 2. A methods course required of students expecting to qualify for Manual Training Certificate, and offered to advanced students of education, without the prerequisites, who wish to learn something of the content of manual training for administrative purposes. No tool work is offered in this course, but the time will be given to readings, reports, and discussions of the theory and practice of manual training in education. Courses of study, textbooks, equipments, supplies, etc., are studied.

6.—PRIMARY HANDWORK. *Two hours credit.*

Each Semester, and Summer Term.

T. Th., at 3.

A course for primary and grade teachers who wish a knowledge of handwork suited to their needs in connection with the regular work. It deals with projects requiring materials suited to the use of children in the first to the fifth grades. Deposit, $1 per semester.

BIOLOGICAL SCIENCES.

Zoology and Geology.

Professor WOOSTER.

Students entering in April may take the second half of course 1 or course 2, zoölogy, and complete the four hours credit in Summer School by changing the hour of recitation so as to get a first half of the subject.

THE SCIENCE OF ORGANISMS—ZOOLOGY.

1.—ANIMAL ECOLOGY. *Four hours credit.* Each Semester.

Classes meet in laboratory and recitation daily, at 8.

No prerequisite. This course includes the work given formerly as field zoölogy and animal life, and gives work on birds and insects and an elemetary study of animal development and ecology. It is specially intended for those who have not had zoölogy in the high school.

2.—ECONOMIC BIOLOGY. *Four hours credit.*

Each Semester.

Classes meet in laboratory and recitation daily, at 10:30.

No prerequisites. This course includes the work given formerly as agricultural biology and systematic zoölogy, and embraces a study of the structure and functions of representative animals and of their relationship to the farmer and to his soil and crops.

3.—FIELD ZOÖLOGY. *Two hours credit.* Summer Term.

Classes meet in laboratory and recitation daily, at 8.

Required for Certificates of Special Proficiency. This course is intended for those who have not taken an equivalent course in zoölogy in the high school, and desire to gain a knowledge of insects and birds for use in nature study, agriculture and other natural history work.

4.—AGRICULTURAL BIOLOGY. *Two hours credit.* Summer Term.

Classes meet in laboratory work and recitation daily, at 10:30.

No prerequisite. This course treats of the care, kinds, feeding, good and bad qualities, and disposal of animals found on the farm; and of the soils, crops, fertilizers and diseases associated with them.

5.—DEVELOPMENT AND EVOLUTION OF ANIMALS.

Four hours credit. Second Semester.

M. T. W. F., at 11:30.

Prerequisite, course 2. This course, as the name implies, gives a study of the embryology, development and evolution of animals. Each member of the class must present, orally or from manuscript, a thesis on evolution at the close of the semester.

ENVIRONMENTAL SCIENCE—GEOLOGY.

6.—GEOLOGY OF THE UNITED STATES. *Four hours credit.*

Each Semester.

Daily, at 9.

Some knowledge of zoölogy is desirable as a preparation for the second half of this subject. This comprises a study of the dynamical, structural and historical geology of our country, and includes laboratory and field work. It is a very necessary preparation for the teaching of physical geography and for the full enjoyment of all natural scenery.

7.—GEOLOGY OF KANSAS. *Two hours credit.* Summer Term.

Daily, at 9, in laboratory and recitation. No prerequisite. This brief course in Kansas geology comprises studies in soil, climate, forest, and the subjacent rock formations with their included forms of extinct life; and the geological work of wind, rain, air, moisture and running water, all with especial reference to understanding the physical features of our state.

THE SCIENTIFIC METHOD—SCHOOL SCIENCE.

8.—NATURE STUDY. *Two hours credit.* Summer Term.

T. W. Th. F., at 11:30.

No prerequisite. The course in nature study treats of the methods of teaching natural history in the grades, and will be illustrated with numerous nature-study lessons. May be taken to meet the requirement for the Certificate of Special Proficiency and the Kindergarten Life Diploma.

9.—HISTORY AND METHOD OF SCIENCE. *Four hours credit.*

First Semester.

M. T. W. F., at 11:30.

This is a study of the contributions of those scientists who have aided materially in the development of science, all interpreted in the light of modern science; and closes with an investigation of the better methods of teaching the natural sciences, especially botany and zoölogy.

BACTERIOLOGY.

MR. AGRELIUS.

10.—HYGIENIC BACTERIOLOGY. *Four hours credit.* First Semester.

M. T. W. F., Laboratory and recitation, 2 to 4, daily.

No prerequisite. This is a general course in bacteriology. It includes the preparation and use of ordinary and special media and stains, and other bacteriological technique; and the distribution, dissemination, classification and identification of bacteria. Special attention is given to those forms causing disease in man and other animals, and to immunity from these organisms; to water supplies; the disposal of sewage; and to individual and community hygiene. Deposit, $2.

11.—AGRICULTURAL BACTERIOLOGY. *Three hours credit.*

Second Semester.

Recitation, M. W. F.; Laboratory and recitation, 2 to 4, daily.

No prerequisite. This course consists chiefly of laboratory work, and includes methods of growing and staining bacteria; a study of the kinds of especial interest to the farmer because of their relation to soil formation and fertility, to disease in live stock, and to dairy and other farm products. Deposit, $2.

12.—HOUSEHOLD BACTERIOLOGY. *Three hours credit.*

Second Semester.

Recitation, M. T. Th.; Laboratory and recitation, 2 to 4, daily. On Monday the class meets with the class in course 11.

No prerequisite. The course treats of the preparation of media for growing bacteria and molds; of the staining of these organisms; of their forms and functions; and of their relation to the home. It includes the preservation of fruit; the effect of bacteria on milk, butter and other foods; the location of wells and the care of the same; the disposal of wastes; and the lighting and furnishing of the home as affecting the health of its occupants. Deposit, $2.

AGRICULTURE.

MR. PHIPPS.

1.—AGRONOMY. *Four hours credit.*

First Semester, and Summer Term.

M. T. W. F., at 11:30.

No prerequisite. The course includes a study of the development and improvement of the hay and grain crops; legumes, and their relation to soil renovation, injurious weeds and insects, and methods of improving crop yields. May be taken for two hours of the work in agriculture for the Special Proficiency Certificate in Rural School Teaching, and Intermediate and Grammar Grade Teaching. Deposit, 50 cents.

2.—ANIMAL HUSBANDRY. *Four hours credit.*

Each Semester, and Summer Term.

M. T. W. F., at 9.

No prerequisite. This course includes a study of types and breeds of farm animals, dairying, poultry, etc. Trips are made to the various barns in the vicinity for purposes of judging and seeing animals.

3.—FARM MANAGEMENT. *Four hours credit.*

Each Semester, and Summer Term.

M. T. W. F., at 10:30.

Prerequisites, Agronomy, and Animal Husbandry. This course is offered to those who wish to major in agriculture, or who wish to prepare to teach high-school agriculture. It includes seed testing; plant breeding; farm buildings and equipment; concrete construction; rotations and management. A practical course for one who expects to teach agriculture in an advanced high school. Deposit, 50 cents.

4.—HORTICULTURE AND FORESTRY. *Four hours credit.*

Each Semester.

M. T. W. F., at 2.

No prerequisites. This course covers a new phase of agricultural education in Kansas, viz.: Fruit growing; market gardening and trucking; marketing of produce; care of orchards and small-fruit farms; sprays and spraying; and practical forestry in Kansas. Students in this course will be furnished vacant lots, plants, seeds, spraying outfits and garden tools. Each student may choose his own phase of gardening, provided it be consented to by Mr. Phipps. Part of the class time will be used in caring for the lot and the plants. The produce will be marketed coöperatively and the net profit returned to the student. The grade in the course will be given largely upon the merits of the work done and the results shown. Students may enroll for instruction in the course either semester, but all gardening must be done during the second semester.

5.—SCHOOL GARDENING. *One hour credit.*

Each Semester, and Summer Term.

Th., at 2.

No prerequisites. The course includes the improvement of lawn and school grounds; selection and care of trees and shrubs; and management of school gardens. Valuable for each rural school teacher.

Botany.

Miss CRARY.

1.—GENERAL BIOLOGY. *Four hours credit.* First Semester.

M. T. W. F., at 9.

No prerequisite. Required of all students majoring in botany. This is the course dealing with the common problems of life phenomena, and is designed to show that life is a thing of common powers, whether the form of expression be plant or animal.

2.—FRESHMAN BOTANY. *Four hours credit.* Each Semester.

M. T. W. F., at 8.

The course gives a general view of the plant kingdom from one-celled plants to the Compositæ. Deposit, $1.25.

3.—ADVANCED FIELD BOTANY. *Three hours credit.*

Summer Term.

Daily, at 9.

Prerequisite, Freshman Botany or its equivalent. This covers a regional study of the plant life of Emporia and vicinity, and of other portions of the state where possible, and includes a view of the growth of the systems of classification. Research, as well as field work, is included.

4.—ALGÆ AND FUNGI. *Four hours credit.* First Semester.
M. T. W. F., at 11:30.
Prerequisite, Freshman Botany. Required of students majoring in botany. A study of fresh-water and marine algæ and of molds, mushrooms, rusts, and other parasitic plants. The course is designed as an aid to the handling of the second half of the state text in botany. Deposit, $1.25.

5.—MOSSES AND FERNS. *Three hours credit.* Second Semester.
M. W. F., at 10:30.
Prerequisites, Freshman Botany and Algæ. A study of mosses and ferns, and their allies, the scouring rushes, club mosses, water ferns, etc.

6.—PLANT PHYSIOLOGY. *Four hours credit.* Second Semester.
M. T. W. F., at 9.
Prerequisites, General Physiology, General Chemistry, Mechanics of Fluids, and Freshman Botany. This course embraces a study of the vital processes of plants, absorption, excretion, circulation, respiration; and is intended as a preparation for this phase of botany teaching in the high school. Deposit, $3.

7.—PLANT ANATOMY. *Three hours credit.* Second Semester.
M. W. F., at 11:30.
Prerequisite, Freshman Botany. This course covers a study of the structure of both flowering and nonflowering plants. Deposit, $2.

8.—HISTORY OF BOTANY. *Two hours credit.* Summer Term.
M. T. W. F., at 10:30.
Prerequisites, Advanced Field Botany, Plant Physiology, and Mosses and Ferns. This includes a survey of the development of the present body of knowledge concerning plants.

9.—ECONOMIC BOTANY. *Four hours credit.* First Semester.
M. T. W. F., at 10:30.
Prerequisites, Freshman Botany A course based upon government investigations and other current research, and covering a study of plants useful in the industries; the origin of varieties of plants, plant culture, etc.

10.—PLANT MICROTECHNIQUE. *Two hours credit.*
First half Second Semester, and Summer Term.
M. T. W. F.. at 2 to 4.
Prerequisite, Plant Anatomy. This course introduces to methods of making permanent mounts of subjects useful as equipment for botany teaching in high schools; and it also contemplates the making of temporary mounts useful in quickly displaying different regions of root, stem, and thallus. Deposit, $2.50.

11.—NATURE STUDY. *Two hours credit.*

Second half Second Semester.
M. T. W. F., at 2.

May be taken to meet requirement for Special Proficiency Certificates in Rural School, Primary, and Intermediate and Grammar Grade Teaching, and Kindergarten Life Diploma. The course seeks to determine the phases of plant life which may be profitably presented in the grades, the modes of presenting such work, and the literature useful in teaching the subject.

12.—BOTANY IN THE HIGH SCHOOL. *Two hours credit.*

Summer Term.
M. T. W. F., at 9.

This course is offered to prospective high-school teachers of botany, and seeks to determine the phases of plant activities that may be profitably presented in the high school; the apparatus, equipment, and literature of the subject.

Physiology and Hygiene.

Professor WHITE.

1.—GENERAL PHYSIOLOGY. *Three hours credit.*

Each Semester, and Summer Term.
M. W. F., at 10:30; Summer Term, daily.

An elementary course with college credit for those students who have never taken physiology in high school; and will satisfy the three-year certificate requirement in physiology for these students. The work will consist of a comprehensive discussion of the basic principles of physiology, and emphasis will be laid upon the relation of the body functions to personal efficiency. From time to time laboratory apparatus and sections of normal tissue will be used to give a better idea of the subjects under discussion. Required for Three-year State Certificate.

2.—ADVANCED PHYSIOLOGY. *Three hours credit.*

Each Semester, and Summer Term.
M. W. F., at 8; Summer Term, daily.

Prerequisite, a high-school course in physiology, or course 1. Frequent illustrations of the subject under consideration will be given by use of laboratory apparatus and methods. The school is now equipping a physiology laboratory, the apparatus in which will be used to perform many of the experiments. In addition to a careful discussion of the functions of the blood, lymph, digestive tract, nervous system, skin, glands, respiratory organs, muscles, etc., conference topics will be assigned to each student during the course on pertinent subjects, on which students will be asked to make special research and read the results of their investigation in class. Required for Three-year Certificate of students who have had high-school physiology.

3.—PHYSIOLOGY OF ALIMENTATION AND DIETETICS.

Two hours credit. Second Semester.

T. Th., at 11:30.

Particular stress will be laid upon the study of the action of the enzymes, and the secretions of the glands of the stomach and intestines, also the secretions of the salivary glands and pancreas. The processes of absorption, assimilation, emulsification, saponification, and their relation to nutrition, are studied in detail. The calory values of the different constituents of food are given proper consideration, and the proper amount of each constituent in a daily diet with relation to the amount of physical or mental work done. A careful study of the bacteria of the alimentary tract, and conditions under which they multiply, will also be included.

4.—EXPERIMENTAL PHYSIOLOGY AND LABORATORY METHODS.

Two hours credit. Second Semester.

T. Th., at 10:30.

Prerequisites, Advanced Physiology. This course will include the actual performance of the various experiments in the laboratory and the setting up of all necessary apparatus. A knowledge of the technic of the experiments requiring live animals, such as the frog and chameleon, will also be gained.

5.—HYGIENE AND SANITATION. *Three hours credit.*

Each Semester, and Summer Term.

M. W. F., at 11:30; Summer Term, daily.

A course dealing with the practical phases of hygiene and sanitation as it affects the conditions under which we live and exist. A few of the subjects taken up will be as follows: Air, humidity and its effect on health; ventilation, natural and artificial, the amount of air required per capita, etc.; dust and its removal; heating systems, methods, etc.; water—composition, properties, kinds, impurities, purification systems, filtration, sedimentation, reservoirs, watersheds, chemical tests, etc.; sewage removal, disposal plants, plumbing; garbage disposal, and collection; food—adulterants, laws applying, preservatives, energy value, etc.; exercise; clothing; personal hygiene; industrial hygiene, effects of certain occupations, etc.; length of working day; school hygiene, site, structure, windows, blackboards, medical inspection of, etc.; military hygiene; naval hygiene; soil; habitations—site, walls, foundations, roof; flies, mosquitoes, etc.; disease—epidemics, immunity, susceptibility, vaccination; disinfection—methods, materials, etc.; quarantine—laws and customs in different localities; vital statistics. Practical field trips will be taken to observe dust removal, ventilation systems, heating plants, refrigeration plants, slaughter houses, garbage incinerators, waterworks systems, etc.

6.—FIRST AID TO THE INJURED. *One hour credit.*

Each Semester, and Summer Term.

Th., at 8; T. Th., Summer Term, at 2.

A course in emergencies and first aid to the injured is offered. This course will take up the important points under anatomy which are necessary, and a discussion of germs and infection, followed by a consideration of inflammation, its causes and symptoms. Briefly, the following conditions will be considered: First-aid materials, antiseptics, splints, tourniquets, shock, bruises, sprains, dislocations, fractures, burns of all kinds, hemorrhage, unconsciousness, convulsions, poisoning, sunstroke, frostbite, electric shocks and lightning, hiccough, corns, chilblains, etc. Artificial respiration after drowning accidents will be carefully taught; also thorough practice in all kinds of bandaging.

7.—HISTOLOGY. *Two hours credit.* Second Semester.

T. Th., at 2.

A study of the structure of the organs and tissues of the body, both macroscopic and microscopic, including the glands, blood vessels, muscles, nerves, skin, kidney, liver, stomach, pancreas, spleen, etc. Laboratory work will be an integral part of the course. The permanent mounts of sections of tissue will be the property of the individual student at the completion of the course, and will be invaluable for illustrating work in physiology, for the teacher who wishes to get permanent results.

8.—HUMAN ANATOMY. *Five hours credit.* First Semester.

Daily, at 9.

Study of the bones, muscles, and internal organs. A thorough study is made. Prerequisite, Advanced Physiology.

COMMERCE.

Professor PARKE and Miss MANNING.

1.—ELEMENTARY ACCOUNTING. *Three hours credit.*

Each Semester, and Summer Term.

M. W. F., at 2; daily, at 10:30, Summer Term.

Open to Freshmen who have had no high-school bookkeeping. The fundamental principles are studied and applied. Drills are given in the use of business papers, the classification and treatment of accounts, and in making standard forms of statements. Prepares students to keep an ordinary set of books and for the advanced accounting courses. May be taken for Three-year State Certificate.

2.—MERCANTILE ACCOUNTING. *Three hours credit.*

Each Semester, and Summer Term.

M. W. F., at 11:30; daily, Summer Term.

Prerequisite, Elementary Accounting, or one year of high-school bookkeeping. An advanced course in general accounting, showing the application of principles to the various lines of a mercantile business, wholesale, retail, shipping and commission. Modern books of account are studied and many labor-saving devices are introduced.

4.—FARM ACCOUNTING. *Two hours credit.*

Each Semester, and Summer Term.

T. Th., at 11:30; M. T. W. F., Summer Term.

Prerequisite, Elementary Accounting, or one year of high-school bookkeeping. A complete scientific scheme of keeping farm accounts, designed to prepare teachers to organize and conduct practical farm accounting courses in high schools.

5.—BANK ACCOUNTING. *Two hours credit.*

Each Semester, and Summer Term.

T. Th., at 11:30; M. T. W. Th., Summer Term.

Prerequisite, Elementary Accounting. Organization and management of banks. Books opened from statements of a bank already in operation. The work is designed to reproduce as nearly as practicable the routine of a bank.

6.—CORPORATION AND FACTORY ACCOUNTING. *Two hours credit.*

Second Semester.

W. F., at 10:30.

Prerequisite, Mercantile Accounting. The organization of a corporation with special reference to the laws of Kansas. The distinctive features of corporate accounting are shown, followed by a comprehensive set of accounts for a manufacturing business. This course shows a highly developed modern system of accounting.

7.—PHILOSOPHY OF ACCOUNTS. *Two hours credit.* On sufficient demand.

M. F., at 8.

Prerequisites, Bank Accounting, and Corporation and Factory Accounting. Accounting in its relation to economics. Analysis of complex accounts and statements, general principles of cost accounting, valuations involving interest, treatment of depreciation, capital and revenue accounts, the use of statistics in determining the condition of a business.

8.—AUDITING. *Two hours credit.* On sufficient demand.

T. Th., at 8.

Prerequisite, Philosophy of Accounts. Planning an audit, analyzing accounts, methods and forms of procedure. Open to Juniors.

9.—BUSINESS ORGANIZATION. *Two hours credit.*

Second Semester, and Summer Term.

M. W., at 8; M. T. W. Th., Summer Term.

It is advised but not required that this course be preceded by General Economics. The individual business man, the partnership, and the corporation. Extractive, manufacturing and distributive industries. The various departments of a large business and their relations to one another. The market, advertising, credits, and collections. The administrative department and accounting methods. Open to Juniors.

10.—ELEMENTARY LAW. *Two hours credit.* Second semester.

T. Th., at 10:30.

No prerequisite. General view of the field of law. Nature of law and the various systems. The unwritten and the written law. Public rights, wrongs and remedies. Private rights, wrongs and remedies. Courts and court procedure.

11.—ELEMENTARY COMMERCIAL LAW. *Four hours credit.*

First Semester, and Summer Term.

M. T. W. F., at 9; M. T. W. Th., Summer Term, one-half the course.

Definitions and principles of the law of contracts, sales, bailments, insurance, guaranty, negotiable instruments, agency, partnerships, corporations, and joint-stock companies. Real property, including titles, contracts and transfers. Attention is given to teaching the intelligent use of statutes and court decisions, and to the writing of legal papers in common use.

12.—ADVANCED COMMERCIAL LAW. *Four hours credit.*

Second Semester.

M. T. W. F., at 9.

Prerequisite, Elementary Commercial Law. A somewhat intensive study of all the subjects usually treated under the head of business law. The case method of study is used, supplemented by references to standard law treatises. Considerable practice is given in drawing up legal papers, including contracts, bills of sale, leases, mortgages, deeds, articles of copartnership, etc. Moot court cases for argument are occasionally given.

13.—ELEMENTARY STENOGRAPHY. *Five hours credit.*

Each Semester, and Summer Term.

Daily, at 8; a three-hour credit in Summer Term.

No prerequisite. The emphasis is placed upon an absolute mastery of principles. Much drill is given in reading shorthand and in writing ordinary business and literary matter.

14.—ADVANCED REPORTING. *Four hours credit.*

Each Semester, and Summer Term.

M. T. W. F., at 10:30; a two-hour credit in Summer Term.

Prerequisite, Elementary Stenography. Phrasing, special contractions, and advanced shortening principles, with daily dictations and transcriptions.

15.—SHORTHAND SPEED PRACTICE. *Two hours credit.*

T. Th., at 3.

Prerequisite, Advanced Reporting. Dictation of difficult matter, use of dictaphone, and office methods.

16.—ELEMENTARY TYPEWRITING. *Four hours credit.*

Each Semester, and Summer Term.

M. T. W. F., at 8; a two-hour course in Summer Term.

No prerequisite. A practical course, including a thorough knowledge of the machine and of the various kinds of work to be done upon a typewriter. Forms of letters, business papers, carbon work, legal forms, tabulating and invoicing. Laboratory fee, $4.

17.—ADVANCED TYPEWRITING AND SPEED PRACTICE.

Two hours credit. Second Semester.

T. Th., at 9.

Prerequisite, Elementary Typewriting. Drill is given in dictation and in various lines of office work. Much practical matter from the offices of the school and from other sources is given to the class. Laboratory fee, $2.

18.—METHODS IN PENMANSHIP. *Two hours credit.*

First half Second Semester, and Summer Term.

M. T. W. F., at 11:30.

Open to Freshman. Drill is given in movement, in the formation of letters, and in writing business forms, with emphasis upon methods of presenting penmanship in the different grades. May be taken for Three-year State Certificate.

19.—ARTISTIC PEN WORK. *Two hours credit.*

Second half Second Semester.

M. T. W. F., at 11:30.

Prerequisite, Methods in Penmanship or a half year of high-school penmanship. The course includes shading, flourishing, and styles of printing.

20.—METHODS IN COMMERCE. *Two hours credit.*

Second Semester, and Summer Term.

T. Th., at 8; M. T. W. F., at 11:30, Summer Term.

Prerequisite, twenty hours of Commerce. This is a teachers' course, including among others the following topics: The high-school commercial course; subjects to be included, order of presenting them, amount of work to be done in each, methods of teaching them. Adaptation of the commercial course to the small, the medium and the large high school, and to local conditions.

ENGLISH.

Miss McNALLY, Miss NEWTON, Mr. MULLINS, and Miss WILSON.

1.—RHETORIC AND COMPOSITION. *Three hours credit.*

Each Semester, and Summer Term.

M. W. F., at 9, 10:30, 11:30; Summer Term, daily, at 9; April-August, at 8.

It offers training in the fundamental principles and practice of English prose discourse. Narration, description, exposition and criticism are presented, with a variety of analytical and constructive exercises. The practical needs of every-day life are kept constantly in view, and technical excellence is essential. Weekly themes are required. The writing and criticism of longer themes, with a study of the principles of structure. Required.

1*a*.—JOURNALISM. *Three hours credit.*

Second Semester, and Summer Term.

M. W. F., at 10:30, 2; Summer Term, daily, at 10:30.

May be substituted for course 1. A course in newspaper reporting and correspondence work. Special study is made of the new story in all of its forms, and students are given practice in the writing of these stories for local and state papers. Due attention is given to the development of the crisp newspaper style. All students are required to turn in tips with regard to current local news. The course should help the teacher to see the news value of school activities and to interest the public in the affairs of his school.

2.—SHAKESPEAREAN DRAMA. *Four hours credit.*

First Semester, and Summer Term.

M. T. W. F., at 8.

It includes the study and interpretation of four plays—two tragedies, one comedy, one historical play, or their equivalent—with special reference to form, plot, character, ethical values. Other plays will be assigned for special reading. Two papers are required.

3.—NINETEENTH CENTURY LITERATURE. *Three hours credit.*

Each Semester, and Summer Term.

M. W. F., at 8, 11:30, 2; Summer Term, daily, at 11:30.

Required. Authors studied: Wordsworth, Coleridge, Scott, Byron, Shelly, Keats, Mathew Arnold, Landor, Tennyson, Clough, Rosetti, Morris, Swinburne.

4.—THE ELEMENTS OF LITERATURE. *Three hours credit.*

Each Semester.

M. W. F., at 9.

May be substituted for course 3. The principles underlying the development of literature are presented and exemplified. The required reading is selected from lyric, epic and dramatic poetry, and prose fiction and drama.

5.—AMERICAN LITERATURE. *Three hours credit.* First Semester.

M. W. F., at 8; April-August, at 8.

May be substituted for course 3. This course suggests specific materials and methods for a study of the more significant figures in American literary history. It makes use of selected references, list of classics, biographies and criticisms, generally agreed upon as most significant; and provides for as many detailed studies in tendency, substance, form and style as the student can master.

6.—THEME WRITING. *Two hours credit.* Second Semester.

T. Th., at 8.

Prerequisite, course 1 or 1*a*. (*a*) A study of the principles of versification and poetry. (*b*) A study of prose masterpieces. (*c*) Theme writing. Daily and weekly themes are required.

7.—THE SHORT STORY. *Two hours credit.* First Semester.

T. Th., at 10:30.

This course includes an investigation of the nature and kinds of short story; the structure of the short story; a study of short stories by the laboratory method; the preparation for authorship.

8.—METHODS IN ENGLISH. *Two hours credit.* First Semester.

T. Th., at 9.

Open to members of the Junior and Senior classes and persons offering equivalent preparation and experience. It includes the discussion of methods of presenting work in English courses of study in the secondary schools, and the results that should be expected from properly prepared plans of work.

9.—LITERATURE. *Two hours credit.* Summer Term.

M. T. W. F., at 11:30.

Selected to correlate with nature study and American history. Offered especially for superintendents and for teachers of primary and grammar grades. This course gathers together the prose and poetry of "out-of-doors" available for use as language work in correlation with the nature study pursued in a given season of the year. It collates the literature that has been inspired by the deeds of great men and by the events important in the nation's history.

10.—EARLY ENGLISH DRAMA. *Four hours credit.*

Given upon sufficient demand.

Elective. It includes discussion and reading of the liturgical drama; mystery and miracle plays; morality plays; early comedy and tragedy.

11.—LYRIC POETRY. *Four hours credit.*

Given upon sufficient demand.

Elective. This is a study of lyric poetry from Chaucer to Tennyson. The poets are grouped with reference to the historical development of literature. The representative poems of the groups are studied.

12.—EPIC POETRY. *Four hours credit.* Second Semester.
M. T. W. F., at 11:30.
This course considers the nature of the epic, both primitive and modern; the progress of the epic; the structure and thought of the English epic.

13.—HISTORY AND DEVELOPMENT OF THE MODERN ESSAY.
Two hours credit. Given upon sufficient demand.
A study of eighteenth and nineteenth century essays and essay writers: Addison, Lamb, De Quincey, Carlyle, Ruskin, Arnold, Macaulay, Stevenson. Three papers are required.

14.—LITERARY STUDY OF THE BIBLE. *One hour credit.*
First Semester.
Th., at 5.
This is a study of selections from both the Old and the New Testament.

15.—ALFRED TENNYSON. *Two hours credit.*
Given upon sufficient demand.
A study of "The Idyls of the King" with reference to their sources; the "Idyls" as an epic; the allegorical tendencies of Tennyson's mind manifested in poems.

16.—ROBERT BROWNING. *Four hours credit.*
First Semester, and Summer Term.
M. T. W. F., at 11:30.
This includes the minor poems; the "Ring and the Book"; the dramas. Elizabeth Barrett Browning and her poetry are discussed.

17.—RISE AND DEVELOPMENT OF THE ENGLISH NOVEL.
Four hours credit. Second Semester.
This is an historical course, including the literary forms that contribute to the novel; the passing of the old romance; the eighteenth century realists; the nineteenth century romances; the realisitic reaction; the psychological novel; the contemporary novel.

18.—CHAUCER. *Four hours credit.* Not given in 1913-'14.
The Canterbury Tales. Grammar and easy reading.

19.—ELEMENTARY OLD ENGLISH. *Four hours credit.*
Grammar and easy reading.

20.—THE LIFE AND WORKS OF SPENSER. *Two hours credit.*
Not given in 1913-'14.
A course which considers the Fairie Queen and the minor poems; allegory; the poet's versification; his significance with respect to Elizabethan poetry.

21.—THE CONTEMPORARY DRAMA. *Two hours credit.*
Elective. Studies in the dramatic literature of Europe and America at the present day, with special reference to the treatment of social problems and the development of dramatic technique.

22.—SPECIAL METHODS IN GRAMMAR. *Two hours credit.*
First Semester, and Summer Term.
T. Th., at 10:30.

GEOGRAPHY.

Professor ELLSWORTH.

Students desiring to major in the subject of geography will be asked to do twenty hours work in the department and ten hours work in subjects dealing with earth science.

4.—SPECIAL METHODS IN GEOGRAPHY. *Two hours credit.*

Each Semester, and Summer Term.
T. Th., at 8; Summer Term, M. T. W. F., at 8.
Study more technical processes involved in mapping and modeling. Skill in the use of source books. Scope of the subject determined, and parts of the same. Comparative study of the methods of European schools. Outline by grades. Observation of class work.

5.—UNITED STATES AND EUROPEAN GEOGRAPHY. *Four hours credit.*

First Semester, and second half Second Semester.
M. T. W. F., at 9.
This course is planned to meet the need for constructive work. To know what place, soil, weather, power do in determining the development of regions. The course is intensive and deals with present-day industrial matters. Mere location or formal description will not answer. We need to know the geography of our country and to recognize what it means in our work.

6.—ECONOMIC GEOGRAPHY. *Three hours credit.*

Second Semester, and Summer Term.
M. W. F., at 9; daily, Summer Term.
The processes of great industries, and commercial activities resulting therefrom. The interzonal routes. Industrial regions and trade centers. The soil and climate controls. The geographic basis for economic questions of the time. Chisholm, Bartholomew and Mill are studied in this class. May be taken for Three-year State Certificate.

7.—INFLUENCE OF ENVIRONMENT. *Three hours credit.*

First Semester.
M. W. F., at 10:30.
Based upon Miss Semple's book on Anthropogeography.

11.—PHYSIOGRAPHY. *Three hours credit.*

First Semester, and Summer Term.
M. W. F., at 11:30; Summer Term, daily.
Field lessons given and research work assigned. Certain regions studied in detail to show geological control. The climate of typical districts analyzed. Organic responses, intensive study of environment, especially as it determines the work of man. May be taken for Three-year State Certificate.

12.—WEATHER. *Two hours credit.* Second Semester.

T. Th., at 10:30.
Text, Milham's Meteorology. Daily observations.

HISTORY.

MAJOR IN HISTORY.

In most high schools the teacher of history is required to teach all the classes in American history, in European history, in political science, and in economics. For this reason, a large per cent of our students interested in this line of work prefer to elect their major simply as history. For such the requirements will be:

American History and Political Science..... 12 hours.
European History and Economics and Sociology..... 14 hours.
Free elective, to be taken in either department, or to be divided between the departments of History.... 4 hours.

The specific courses required in each case to be determined upon personal consultation with the head of the department concerned.

American History.

Professor STROME.

1.—AMERICAN HISTORY, 1763-1860. *Three hours credit.*

First Semester, and Summer Term.
M. W. F., at 10:30; daily, Summer Term, at 10:30.
This is a general course designed for college students who have not had American History in the high school.

3.—KANSAS HISTORY. *Two hours credit.*

Second half Second Semester.
M. T. W. F., at 2.
The territorial struggle and the state history are presented.

4.—AMERICAN HISTORY TO 1607. *Two hours credit.*

Summer Term.
M. T. W. Th., at 9.
European conditions leading to our age of discovery. Ancient life on the American continent. Discoverers and explorers are studied as to character, motives, work accomplished and results.

5.—HISTORY OF NEW ENGLAND. *Two hours credit.*

First Semester.
T. Th., at 9.
Open to Freshmen.

6.—HISTORY OF THE MIDDLE AND SOUTHERN COLONIES.

Two hours credit. Second Semester.
T. Th., at 8.
Open to Freshmen. European conditions leading to first settlements. Facts necessitating later new colonies. Why the middle country presented questions different from New England and the South. Results. Why the South was slow in development.

7.—THE AMERICAN COLONIES, 1492-1763. *Three hours credit.*

First Semester.

M. W. F., at 9.

Open to Freshmen. An exhaustive study of the rise, development and effect of the various phases of life in each section of the country, from the founding of the colonies to the Declaration of Independence. How it all contributed to independence as an assured fact and made dependence a further impossibility.

8-9.—AMERICAN HISTORY, 1763-1789. *Four hours credit.*

Second Semester.

M. T. W. F., at 9.

Open to Sophomores. The story of the struggle of the colonies for independence is always dramatic in the extreme. This course offers abundant opportunities to study the principles involved and the means used by each party to achieve desired ends. The struggle for the new nation to realize itself in government.

10.—POLITICAL AND CONSTITUTIONAL HISTORY, 1789-1817.

Three hours credit. First Semester, and Summer Term.

M. W. F., at 8; Summer Term, M. T. W. F., at 8, two hours credit.

The period of foreign domination. The new constitution stands the severe test of most trying conditions at home and abroad.

11.—POLITICAL AND CONSTITUTIONAL HISTORY, 1817-'60.

Three hours credit. Second Semester, and April-August.

M. W. F., at 8; April-August, at 2.

Open to Sophomores. An era of great internal development. Great economic questions arise with special reference to the great Rebellion. New movements, educational, political, philanthropic, religious, literary and governmental, characterize this period.

15.—THE REBELLION, 1861-'65. *Two hours credit.*

First Semester.

T. Th., at 11:30.

Open to Juniors and Seniors. General facts underlying the precipitation of the conflict. Close study of the great campaigns, to discover designs of leaders and methods used. Resources as to army, navy, supplies, methods of transportation. Attitude of foreign countries. Prominent political leaders. Results.

16.—RECONSTRUCTION. *Two hours credit.*

Second Semester, and Summer Term.

T. Th., at 11:30; Summer Term, M. T. W. F., at 10:30.

Open to Juniors and Seniors. The problem, what is involved, difficulties surrounding, ends to be attained. As undertaken by Lincoln, by Johnson, by Congress. Leaders and their speeches. Impeachment, and the election of 1876. Courses 7, 8, 9, 10, 11 and 15 are excellent preparation for this course.

17.– POLITICAL AND CONSTITUTIONAL HISTORY SINCE 1876.

Two hours credit. Second Semester.

M. W., at 10:30.

Open to Juniors and Seniors. Sets forth the trend of events in the North and in the new South since the reconstruction times. The prominent place America has taken in international affairs, her high standards for public relations, her giant strides in all lines of activity.

22.—METHODS IN HISTORY. *Two hours credit.*

Each Semester, and Summer Term.

T. Th., at 10:30; Summer Term, M. T. W. F., at 11:30.

Each student must work out from the library certain lines of bibliography in American history. Texts are criticized; courses of study are prepared; supplementary reading lists are prepared; certain particular phases of historical presentation are discussed; best methods to be used in different grades and for different parts of the history are presented. In short, this course is to give the future teacher of American history an equipment, first, of sources of knowledge, and second, methods of using such knowledge. Required of all who elect history as a major.

European History.

Professor WILLIAMS.

The equipment of the European History Department consists of 920 books of the following classification: General, consisting of history of civilization, philosophy of history, historical research and method, 132; European, 181; English, 264; Roman, 211; Greek, 132. Of this number 100 are either complete or extract source material. The additional material consists of three historical charts, fourteen wall maps, six graphic charts, ten wall pictures, and a large number of small pictures, eight historical atlases, and two complete stereopticon sets of Greece and Rome. It is the plan of the department to complete this equipment until a fair sized historical museum will be established.

3.—HISTORY OF GREECE. *Two hours credit.*

First Semester, and Summer Term.

T. Th., at 8.

Emphasis is laid on the artistic, intellectual, religious, social, economic and political life of the Greek people. Special attention is given to mythology as an aid to teachers in primary and secondary schools. The fundamental idea is kept in mind that the historical significance and importance of the Greeks is their contributions to the general civilization of the world in their development of a superior intellectual and æsthetic culture. Open to Freshmen.

4.—HISTORY OF ROME. *Two hours credit.* Second Semester.

T. Th., at 8.

This course traces the growth of the Roman state and people from the legendary period to the time of the incoming of the barbarian and the deliquescing of the empire. The real greatness of Rome, which forms a part of the

world's possessions to-day—her monuments, her language and literature, her ideals of government, and her legal system—receive particular attention. Recommended to students majoring in Latin. Open to Freshmen who have taken course 1.

5.—HISTORY OF ENGLAND TO THE TUDOR PERIOD.

Three hours credit. First Semester.

M. W. F., at 8.

In this course the aim is to trace the great movements by which Ancient England has become Modern England and the forces which have given rise to these movements. The fusing of several races into the English people. The early English institutions which were the germ of later institutions and the social and economic life of the period receive consideration.

6.—HISTORY OF ENGLAND FROM THE TUDOR PERIOD TO THE PRESENT. *Three hours credit.* Second Semester.

M. W. F., at 8.

This course is a continuation of course 5. They should be taken in regular order, but with the consent of the department this requirement may be waived. The course deals with the successful working out by the English people of two great problems in government—that of self-government under free democratic forms, and that of governing remote dependencies. The development in the great fields of industry—manufacture and commerce—and the growth in social and intellectual progress are also studied. These courses are recommended to students majoring in American history.

7.—HISTORY OF WESTERN EUROPE. *Three hours credit.*

First Semester.

M. W. F., at 2.

Open to Freshmen. This course is an introduction to the study of European history, and should precede all other courses with the exception of courses 1 and 2. The course attempts to give a modern historical point of view as a basis for future historical study. It includes also the description of the most significant achievements of Western civilization during the past fifteen hundred years—how the Europe of to-day grew out of the Europe of the ninth century. In all, the principle of continuity in history is emphasized, *i. e.*, progress has been made by slow and gradual development rather than by abrupt changes. History from the sources is an important factor in this study. This course meets the history requirement.

8.—MEDIÆVAL INSTITUTIONS. *Two hours credit.*

First Semester.

T. Th., at 11:30.

An intensive study of a number of select problems in Mediæval social, political and religious institutions. Open to advanced students in European history.

11.—EIGHTEENTH CENTURY HISTORY. *Two hours credit.*

First Semester.

T. Th., at 2.

This course presents a preparatory study for the history of the nineteenth century. It was the eighteenth century which set the problems of progress and suggested their solution. It was the nineteenth century that worked them out in detail and made their applications. This course will deal with the European struggles for colonial and commercial supremacy, the Old Régime in Europe, the forces working for reform; France before, during, and after the Revolution and the Napoleonic Era down to the Congress of Vienna in 1815. The territorial changes, national policies, economic conditions and intellectual interests of this period form the basis for a fuller understanding of the nineteenth and twentieth centuries.

12.—THE NINETEENTH CENTURY AND AFTER.

Three hours credit. Second Semester.

M. W. F., at 9.

This course begins with the reconstruction of Europe in 1815, and continues the history of Europe to the present. The ideas bequeathed by the French Revolution of social and political equality and freedom and the struggle for national unity and popular sovereignty are dominant factors in the period. The great economic, social and scientific changes which mark modern times are followed. The world problems and movements of to-day are studied through the newspapers and current periodicals. Reading, clipping, filing, and reporting upon these current events form an interesting and valuable part of the course. Prerequisite, course 9. This course meets the history requirement.

13.—INDUSTRIAL AND SOCIAL HISTORY OF ENGLAND.

Two hours credit. First Semester.

T. Th., at 10:30.

This course is recommended to round out the study of English history. Mediæval rural and town life, trade and commerce, the economic changes of the fourteenth and fifteenth centuries that resulted in the breaking up of the mediæval system, the industrial revolution with its momentous results, the extension of government control shown in the factory laws, modification of land ownership, sanitary regulations and government industries, and the development of trade-unions, trusts and coöperation, are the principal topics of study. Prerequisites, courses 5 and 6.

14.—THE REFORMATION. *Two hours credit.* Summer Term.

M. T. W. F., at 8.

This course gives consideration to the general struggle between the old and the new order of things, the modern nations which were rising into power, and the need of reform before the revolt occurred. The individual reformers, together with the revolt and counter-revolt in the various countries, are objects of study. The religious, political and economic results of the movement complete the study.

15.—THE FRENCH REVOLUTION. *Two hours credit.*

Second Semester.

T. Th., at 10:30.

To understand the social, economic and political conditions in France which were outgrown and the origin and growth of the revolutionary spirit is quite as necessary as to trace the history of destruction of abuse and the struggle for liberty and rights. The course offers a study in social psychology and the political theories of the time, as well as a history of the revolution itself.

16.—THE PRINCIPLES AND METHODS OF HISTORY.

Two hours credit. Each Semester.

T. Th., at 9.

This course considers the definitions, nature, and scope of history, the sources of historical knowledge, historical evidence and criticism, and the modern point of view in regard to the subject. The discussions cover the aims and values of history, the history program, and general methods of instruction. Each student is expected to work out bibliographies for various history courses, lists for library reference, a program for history in the grades and the secondary school, and present model lessons before the class. The visitation of different history classes and discussion of teacher, lesson and recitation follow.

Economics and Sociology.

Professor SMITH.

ECONOMICS.

1.—GENERAL ECONOMICS. *Three hours credit.*

Each Semester, and Summer Term.

M. W. F., at 10:30; daily, at 10:30, Summer Term.

A brief survey of the principles of economics, with a preliminary application of these principles to existing business conditions. Special attention will be devoted to local and national politics—economic questions before the public at the present time. In so far as possible it will be an applied rather than a theoretical course, and will be of especial advantage to debaters and those interested in public affairs.

3-4.—MONEY, BANKING, AND PUBLIC FINANCE.

Four hours credit. First Semester, and Summer Term.

M. T. W. F., at 9; Summer Term, devoted to Public Finance, and Taxation, M. T. W. F., at 9.

Prerequisite, General Economics. The first half of the semester is devoted to the general history and principles of money and credit; banking history, theory and practice; and some of the financial problems of the day. The last half of the semester will be devoted to public finance. This course includes an analysis of the fundamental principles of national finance as shown in the leading revenue systems of the world; the variety, nature and workings of the different elements of taxation in our national, state and

municipal budgets; and a study of the specific tax problems before the state of Kansas. By special consent of the instructor and adviser the two parts of this course may be taken separately and two hours credit given.

5-6.—COMMERCIAL AND INDUSTRIAL HISTORY.

Three hours credit. (Not given in 1913-'14.)
M. W. F., at 10:30.

Course 5 is a history of commerce. It traces the rise of trade and commerce in ancient times, its development during the Crusades and the age of the Hanseatic and other commercial leagues, and its enormous expansion in recent times; also the effects of geographical conditions, customs and economic ideas upon commerce, and the reactionary effect of commerce upon civilization and national development. Course 6 is a tariff and industrial history of the United States. It embraces a review of the colonial industrial system, the growth of manufactures, the internal improvement and tariff questions, the development of our banking and currency systems, and the rise and treatment of our trust and monopoly problems.

7-8.—LABOR AND TRANSPORTATION PROBLEMS.

Four hours credit. Second Semester.
M. T. W. F., at 9.

Prerequisite, General Economics. Course 7 deals with labor problems. A brief history of labor organizations, with a preliminary study of such problems as the union label, strikes and boycotts, workingmen's insurance, employer's liability, profit sharing, and labor legislative programs. Course 8 will follow with a study of transportation problems. This will trace briefly the history of transportation in the United States and Europe, then take up the problems of tariffs, capitalization, organization, judicial control, state regulation of our railways, and a brief review of our maritime and inland waterway policies. These courses may be taken separately with permission of the instructor and adviser. Two hours credit will be given.

SOCIOLOGY.

1.—GENERAL SOCIOLOGY. *Three hours credit.*

Each Semester, and Summer Term.
M. W. F., at 8; Summer Term, daily, at 8.

The first half of the semester outlines the general field of sociological theory, literature and thought, with a textbook, assigned readings, papers and discussions. The second half of the semester will be used in investigating a variety of topics dealing with dependents, defectives and delinquents, sociological legislation and reform, rural and urban life. Lectures, assigned readings, reports and term papers. Elementary Psychology is a prerequisite.

2-3.—SOCIOLOGICAL PROBLEMS. *Two or four hours credit.*

On sufficient demand.
At 2.

General Sociology is a prerequisite. The nature of the work will vary from term to term, part of it being in advanced theory and part in detailed topical investigation.

4-5.—EDUCATIONAL SOCIOLOGY AND COMMUNITY BETTERMENT.

Three hours credit. Each Semester, and Summer Term.
M. W. F., at 11:30.

Elementary Psychology is a prerequisite. The most remarkable developments in the educational field in the past few years have been along social lines. The individualistic point of view is giving way to the social, and the school is becoming more and more a part of community life. The affiliation of the school with the home and the church, with industry and the government, must be made more complete and perfect. To emphasize this broader point of view, and to trace fully the relations of the school to the other educational institutions of life, is the purpose of educational sociology. The first half of the course deals with the general sociology of education, and the last half with the various agencies of social and community betterment with which the teacher is particularly concerned.

Political Science.

Professor HILL.

It is recommended that the courses be taken in their order.

1.—KANSAS AND UNITED STATES CIVICS. *Two hours credit.*

Each half Second Semester.
M. T. W. F., at 8.

A course intended for rural school teachers and for those who have not had civics in the high school. Stress will be placed on township, city, county and state government rather than that of the United States. The course will include a short study of the civic relations of man to man, such as those of health, property, contract, crime, marriage, and the rights of infants.

2.—THE GOVERNMENT OF KANSAS. *Two hours credit.*

Second half Second Semester, and Summer Term.
M. T. W. F., at 9; Summer Term, M. T. W. F., at 9.

Leading state laws are studied and compared with those of other states, and a search is made for the laws of other states which may be of advantage if adopted in Kansas. A study of numerous court decisions furnishes an exercise in the interpretation of laws.

3.—CONSTITUTIONAL LAW. *Three hours credit.*

Second Semester.
M. W. F., at 10:30.

This course provides an opportunity for a careful study of the constitution; of the changes through amendment, through custom and through judicial decisions. The analysis of supreme court decisions forms an important part of the course.

4.—INTERNATIONAL RELATIONS. *Two hours credit.*

First Semester, and Summer Term.
T. Th., at 8; Summer Term, M. T. W. F., at 8.

The growth of international law, the functions of ambassadors and consuls, the making of treaties and their

binding effect, the machinery for settling international disputes, the rules of war, the contract and domicile rights of citizens and aliens in times of peace and war, are some of the topics that indicate the scope of the course.

5.—COMPARATIVE STUDY OF GOVERNMENTS. *Three hours credit.*

First Semester.

M. W. F., at 9.

Governments, parties and practices of England, Germany, France, Austria-Hungary and Switzerland are studied and compared with each other and with the United States. Geography, races, religion and personalities will naturally play a part.

6.—HISTORY OF LEADING UNITED STATES TREATIES.

Two hours credit. Second Semester.

T. Th., at 3.

An effort is made to trace the effects of the treaty-making power on American history through a study of the treaties of peace, of the treaties of annexation, of the leading treaties providing for the settlement of some definite international dispute, and of the general arbitration treaties. The historical setting of each treaty studied, the men appointed to draft it and the problems which they had to solve, and the effect of the solution will be the method of development.

LATIN.

Professor HOLTZ.

This department is equipped with a large and well-selected supply of library reference books that will compare favorably with similar collections in the large universities of the Middle West. The standard periodicals, such as the *Journal of Philology, Classical Journal* and *Classical Weekly,* are accessible to students. The class rooms are supplied with maps of the Roman World, Ancient Italy, Gaul, Rome and its Environment, The City of Rome, and the Roman Forum; also wall pictures and statuary of classical subjects. The department owns the latest lantern slides illustrating Cæsar's campaigns, the Saalberg Camp, the Story of the Æneid, and Roman Antiquities. Students also have the advantage of several hundred Roman post cards and photographs suitable for use in the reflectoscope.

Students with the required fifteen units of high-school or Normal Secondary credit may take any of the courses which they are prepared to enter, and receive credit in the College. The work of ten hours is the minimum for which credit will be given.

A major in Latin consists of thirty hours of work in the Normal College. This must include Cicero's Essays or Livy, Teachers' Course in Latin Grammar, Advanced Composition, Horace's Odes, and Roman Antiquities.

Students desiring a general language major may elect sixteen hours of college Latin with three years of secondary German or French. Those pursuing advanced work in Latin are advised to take correlated courses in Roman and Greek history, English literature, modern language and history of philosophy.

1.—BEGINNING LATIN I. *Five hours credit.*

Each Semester, and Summer Term.
Daily, at 8 and 2.

Half of Whittemore's text completed in the semester. Courses 1 and 2 aim to secure a mastery of the elements of Latin form, declension, conjugation, comparison, and the fundamental rules of syntax, together with the acquisition of an adequate vocabulary for the reading of short continuous passages. A class will be organized in the spring term when a sufficient number of students demand it.

2.—BEGINNING LATIN II. *Five hours credit.*

Each Semester, and Summer Term.
Daily, at 8.

Whittemore's text completed. Especial attention given to the subjunctive.

3.—CÆSAR I. *Five hours credit.*

Each Semester, and Summer Term.
Daily, at 10:30.

Introduction to extended translation. Books I and II. A thorough drill in syntax, with the stress placed upon the use of cases. Walker's Cæsar; Bennett's Latin Grammar; Bennett's Latin Writer, lessons 1 to 21. Study of military campaigns.

4.—CÆSAR II. *Five hours credit.*

Each Semester, and Summer Term.
Daily, at 10:30.

Books III and IV. Bennett's Latin Writer, lessons 21 to 44, light assignments. Syntactical study emphasizes the various uses of the subjunctive.

5.—CICERO I. *Five hours credit.*

Each Semester, and Summer Term.
Daily, at 11:30.

Bennett's or D'Ooge's text. Four orations against Catiline. Bennett's composition. Special attention given to the style of the orator. Outlines of the orations. Study of conditional sentences.

6.—CICERO II. *Five hours credit.* Each Semester.

Daily, at 9.

Manilian Law, Marcellus, and Archias. D'Ooge's composition and original exercises in prose. Study of magistracies, senate and assemblies.

7.—VIRGIL I. *Five hours credit.*

Each Semester, and Summer Term.
Daily, at 11:30.

Bennett's text. Translation of books I to III, inclusive. Mastery of the dactylic hexameter. Supplementary mythology. During this and course 8 papers of a research nature or notebook work will be required, at the discretion of the instructor.

8.—VIRGIL II. *Five hours credit.* Each Semester.

Daily, at 2.

Translation of books IV to VI, inclusive. Supplementary mythology. The author's place in literature. The Æneid as a whole.

9.—LIVY. *Four hours credit.* First Semester.

M. T. W. F., at 9.

Books XXI and XXII. Study of history of the period covered. Reports and quizzes. Cicero's De Senectute and De Amicitia with selections from the Letters may be substituted for the above. Prose composition based upon the text; sight reading. Open to students with credits in secondary courses, or with four years of high-school Latin.

10.—HORACE: ODES AND CARMEN SÆCULARE. *Four hours credit.*

Second Semester.

M. T. W. F., at 9.

Translation, analysis of thought, study of Horatian meters. Special topics for reports and papers on material found in the odes will be assigned.

11.—TACITUS: AGRICOLA AND GERMANIA. *Four hours credit.*

Offered when demanded by sufficient number of students. Introductory to the language and style of Tacitus. In connection with the translation, matters of historical importance and literary merit are brought out.

12.—LATIN COMEDY: CAPTIVI AND PHORMIO.

Four hours credit. Each semester, and Summer Term.

Daily, at 11:30.

Prerequisites, courses 1 and 2. Attention given to vocabulary, anticlassical forms and constructions, scansion, and idiomatic English in translation, with sight reading from selected plays.

13.—REVIEW COURSE IN LATIN GRAMMAR. *Four hours credit.*

Summer Term.

Offered. Bennett's text used as a basis. Special attention given to the subjunctive, classification of subjunctives in Cæsar or Cicero, as class may elect. Prose composition, word analysis, etc. Open to students with three units of secondary Latin.

14.—CLASSICAL MYTHOLOGY. *Two hours credit.* Summer Term.

M. T. W. F., at 10:30.

Guerber's text used as a basis. Myths studied from all available sources. Use of mythology by English poets. Course designed for those interested in English and history as well as in Latin.

15.—ROMAN ANTIQUITIES. *Four hours credit.*

Second Semester, and Summer Term.

M. T. W. F., at 10:30.

Study of Roman private life, social customs, dress and kindred topics from remains of ancient art, and, in particular, from the ruins of Rome and Pompeii. Lectures, library research, reports and quizzes. Use of pictures, models and lantern slides.

16.—TEACHERS' COURSE IN ADVANCED COMPOSITION.

Two or four hours credit. Offered on sufficient demand.

Adapted to needs of high-school teachers. Practice in the writing of connected Latin. Original exercises.

17.—EPISTOLARY LATIN. *Four hours credit.*

Offered on sufficient demand.

Selections from the letters of Cicero and Pliny. Historical references; reports and quizzes.

18.—METHODS IN LATIN. *Four hours credit.*

Offered on sufficient demand.

M. T. W. F., at 10:30. Two hours credit in Summer Term, at 10:30, daily.

Methods in high-school Latin.

19.—SATIRES: HORACE AND JUVENAL. *Four hours credit.*

Offered on sufficient demand.

Prerequisites, Livy, Horace, Advanced Grammar, Tacitus. Roman literature of the classical period.

LIBRARY SCIENCE.

Miss BUCK.

These courses are open to high-school graduates, and may be completed in one year (September-June) if the student so chooses.

Such special students pay a fee of $2 a subject, up to a maximum of $5, in addition to other fees. Students preparing for positions as librarians should be able to use a typewriter. A fee of $2.50 per term for the use of a machine is collected from students taking the course in typewriting.

METHOD OF INSTRUCTION:

There are few textbooks on library subjects, and instruction is largely in the form of lectures and assigned readings, followed by practice work under supervision, with discussion of both theory and practice.

1.—LIBRARY METHODS. *One hour credit.*

First Semester, each half Second Semester, and Summer Term.

Th., at 11:30, First Semester; M. T. W. F., at 2, each half Second Semester, and Summer Term.

Introduction to arrangement of books in Kellogg Library; use of catalogue and indexes; helps in selection of books for school libraries; guides to choice of books for school libraries; guides to choice of books for individual reading; school and public library interrelations. Includes lessons in library training for use in the grades. Required.

2.—REFERENCE. *Three hours credit.* First Semester.

M. W. F., at 11:30.

Promotes familiarity with well-known reference books, with use of indexes to periodicals and general literature,

with general and special cyclopedias, dictionaries, annuals, and ready reference manuals, by systematic search for material with which to answer typical reference questions. Quite an advantage to the student who elects it early in his course of study.

3.—BIBLIOGRAPHY. *Three hours credit.* First Semester.

M. W. F., at 10:30.

Supplements the study of reference books and children's literature, bringing to the student knowledge concerning the existence of books in certain selected fields; of what they may do for him, both as helps toward general culture and as tools in grammar grades and high-school work.

4.—PUBLIC DOCUMENTS. *Two hours credit.* First Semester.

T. Th., at 10:30.

Intended to familiarize the student with the organization and publications of various government departments; methods employed in printing, binding, indexing and distributing; history of government publications; selection of material for school libraries, with value for reference work and supplementary reading as a basis.

5.—CHILDREN'S LITERATURE. *Three hours credit.*

First Semester, second half Second Semester, and Summer Term.

M. W. F., at 9, First Semester; daily, at 8, second half Second Semester, and Summer Term.

Consideration of methods of interesting children of grades 1 to 8 in good literature; principles of book selection; study of types of the best modern children's books; establishment of wider knowledge of children's books by actual examination and reading. Satisfies requirement for Kindergarten Life Diploma, and Special Proficiency for Primary Teaching. Better taken in Sophomore than in Freshman year. For best results, General Methods and Observation, Primary Methods and Child Psychology should precede.

6.—STORY TELLING. *Three hours credit.*

First Semester, first half of Second Semester, and Summer Term.

M. W. F., at 8, First Semester; daily, at 8, first half Second Semester, and Summer Term.

Aim to develop in the student the power to discover in the world's literature, in history and in life the best stories for education, and to tell them well; also to foster creative work in arranging stories from classic and historic sources for presentation in special grades, including high school. Better following than preceding Children's Literature. Required for Kindergarten Life Diploma and Certificates of Special Proficiency for Primary Teaching.

7.—BOOK MAKING. *Two hours credit.* First Semester.

T. Th., at 8.

Earliest records; history of writing and famous manuscripts; paper making; origin and development of printing; early printer-publishers; noted modern presses; book illustration; bookbinding from the historic point of view; growth of the book trade.

8.—LIBRARY HISTORY. *Two hours credit.* First Semester.

T. Th., at 9.

A study of the foundation and development of leading ancient, mediæval and modern libraries, with special attention to the library movement in the United States, including library commissions, traveling libraries, and relation of public libraries and public schools.

9.—LIBRARY ECONOMY. *Two hours credit.* Second Semester.

T. Th., at 9.

Instruction follows regular library routine—selection of books, order, accession, shelf-listing, preparation for the shelves, binding and repair.

10.—CLASSIFICATION OF BOOKS. *Three hours credit.*

Second Semester.

M. W. F., at 11:30.

The decimal classification is taught, books being classified by each student, the work revised and discussed in class. The expansive and other systems are described. For book numbers, use of the Cutter alphabetic-order table is taught. Should precede Cataloging.

11.—CATALOGING. *Four hours credit.* Second Semester.

M. T. W. F., at 10:30.

Instruction confined to dictionary cataloging, special emphasis being laid upon underlying principles. Simplified library school rules, Cutter's rules for a dictionary catalog, A. L. A. rules, and A. L. A. list of subject headings, are used as basis for instruction. Simple cataloging for public documents is included.

12.—ORGANIZATION AND ADMINISTRATION. *Two hours credit.*

Second Semester.

M. W., at 9.

Principles applicable to school libraries and to small public libraries. Prerequisites, Public Documents, Library History, Library Economy, Classification of Books, and cataloging.

MATHEMATICS.

Professor ALLEN.
Associate Professor ELLIS, and Mr. KELLER.

1.—ADVANCED ALGEBRA AND ITS APPLICATIONS.

Four hours credit. Each Semester, and half the course in the Summer Term.

M. T. W. F., at 8, 11:30, 2; April-August, at 11:30.

Prerequisites, Algebra and Plane Geometry. Required of all, except candidates for Special Proficiency Certificates. The fundamental laws of algebra and the reasons underlying the fundamental operations with positive and negative numbers. A review of factoring. Exponent theory, surds and imaginaries. Theory of quadratic equations in one and in two variables, and applications. Graphs. Ratio, proportion and variation. Series, limits, logarithms. Ap-

plications of algebra to physics, mechanics, mensuration, and numerous vocations. (Professor Allen, Associate Professor Ellis, Mr. Keller.)

2.—TRIGONOMETRY. *Three hours credit.*

Second Semester, and Summer Term.

M. W. F., at 2; Summer Term, daily, at 9.

Plane trigonometry and the right spherical triangle. Prerequisites, Advanced Algebra and its Applications. (Associate Professor Ellis.)

3.—SURVEYING. *Two hours credit.* Second Semester.

T. Th., at 2.

Prerequisites, Advanced Algebra and its Applications, and Trigonometry. This course is designed to supplement the course in trigonometry by showing its most common applications. The student will do field work with the transit, Y-level, etc., sufficient to become familiar with the ordinary work of the surveyor. (Associate Professor Ellis.)

4.—COLLEGE ALGEBRA. *Five hours credit.* First Semester.

Daily, at 10:30.

Prerequisite, Advanced Algebra and its Applications. Permutations and combinations. Mathematical induction, and theorem of undetermined coefficients. Partial fractions. Series, determinants, theory of equations, including the usual transformations leading to the solution by Horner's method of numerical equations and Cardan's solution of the cubic equation. Text, Fine's College Algebra. (Professor Allen.)

5.—ANALYTICS. *Four hours credit.* First Semester.

M. T. W. F., at 9.

Plane analytics only. Prerequisite, Trigonometry. The usual work with conic sections and the general quadratic equation in two variables, with some discussion of higher plane curves. (Associate Professor Ellis.)

6.—CALCULUS. *Seven hours credit.* November-June.

Daily, at 11:30.

Prerequisites, Analytics and College Algebra. Differential and integral calculus. The usual practice in differentiation and integration formulas, and special emphasis upon the application to rates, areas, volumes, etc. (Professor Allen.)

7.—ASTRONOMY. *Two hours credit.* First half First Semester.

M. T. W. F., at 10:30.

The text used for the course is Young's Elements of Astronomy, and the usual work in descriptive astronomy is given. (Associate Professor Ellis.)

8.—ARITHMETIC. *Two hours credit.* First half each Semester.

M. T. W. F., at 9.

A ten weeks' course in arithmetic for students who have not taken the course in advanced arithmetic in their secondary school work. This course meets the requirement for the Three-year State Certificate.

9.—ARITHMETIC TEACHING. *Two hours credit.*

Second half each Semester, and Summer Term.

M. T. W. F., at 9.

Prerequisites, Advanced Algebra and its Applications, or Arithmetic, or Advanced Arithmetic in the Secondary School. A study of our fundamental notions of number. An organization by years of the number material to be taught. The methods of adapting and presenting this subject matter to children. Observation of lessons given by the critic teachers of the training school and discussion of these lessons. Arithmetic and Arithmetic Teaching must be taken instead of Advanced Algebra and its Applications if the student is working for both the life certificate and any of the certificates of special proficiency. (Professor Allen.)

10.—ALGEBRA TEACHING AND GEOMETRY TEACHING.

Four hours credit. Second Semester, and Summer Term.

M. T. W. F., at 10:30; M. T. W. F., at 10:30, Geometry Teaching only in Summer Term of 1913.

Prerequisite, Trigonometry. These courses discuss the questions of the organization of the subject matter of algebra and geometry, the aims in teaching them, their applications, and the classroom management for each.

Solid Geometry with three hours credit and Advanced Arithmetic with four hours credit may be taken for college credit if they have not been offered for entrance. The courses in Astronomy, College Algebra or Analytics will be given in the Summer Term if there is a sufficient demand.

MODERN LANGUAGES.

Miss DUDLEY.

The equipment of the Department of Modern Languages consists of 450 department books in the library, including a fairly complete list of reference books, one philological and two literary periodicals; maps of Germany and France; a special map for Schiller's Wilhelm Tell; a set of Holzel and Holz pictures for use in the Secondary School and in methods; a spectroscope and several hundred post cards of various parts of Germany and illustrating various phases of German life; an increasing collection of framed prints and photographs, including large photographs of some German statesmen and writers; Kürschner's Das ist des Deutschen Vaterland; Könnecke's Bilderatlas zur Geschickte der deutschen Nationalliteratur.

MAJOR:

Thirty hours of college German, in addition to the admission requirement of three units of high-school language, one unit of which must be German. Courses 6 or 8, 23 and 24 are required of students majoring in the department.

A minimum of four hours' work must be done in the department before credit will be given toward graduation.

Students choosing a general language major may elect, in addition to the entrance requirement in language, a minimum of sixteen hours of college German with three units of secondary Latin or French.

German.

1.—ELEMENTARY GERMAN I. *Five hours credit.*

Each Semester, and Summer Term.
Daily, at 11:30.
Walter-Krause Beginners' German to lesson XXXV; Schweitzer & Simonnot's Deutsches Lesebuch, 25 pages; simple composition, dictation, memorizing and conversation. No prerequisites in German.

2.—ELEMENTARY GERMAN II. *Five hours credit.*

Each Semester.
Daily, at 8.
Walter-Krause Beginners' German completed; Schweitzer & Simonnot's Deutsches Lesebuch completed; oral and written reproduction, dictation, memorizing, and conversation. Prerequisite, German I, or one unit of high-school German.

3.—INTERMEDIATE READING COURSE. *Four hours credit.*

Each Semester, and Summer Term.
M. T. W. F., at 9.
Prerequisite, German I and II, or 1½ units of high-school German. This course is designed to give some freedom in reading easy narrative, descriptive and historical prose and easy poetry. It includes oral reproduction and composition based on the reading. The work is done partly in German.

4.—INTRODUCTORY CLASSIC COURSE. *Four hours credit.*

Each Semester, and Summer Term.
M. T. W. F., at 10:30.
Prerequisite, German 3, or 2 units of high-school German. Schiller's Wilhelm Tell, or Die Jungfrau von Orleans, and one other classic. The work is done partly in German.

5.—INTERMEDIATE GRAMMAR COURSE. *Two hours credit.*

First Semester, and Summer Term.
M. F., at 2.
Thomas' Practical Grammar and supplementary work for a better knowledge of grammar. Prerequisite, German 4, or the equivalent.

6.—INTERMEDIATE COMPOSITION. *Two hours credit.*

First Semester.
T. Th., at 2.
The course is taken with course 5. It includes Pope's Prose Composition, and original work based on dictation. Prerequisite, German 4, or the equivalent.

7.—SCIENTIFIC PROSE. *Four hours credit.*

On sufficient demand.
Prerequisite, German 4, or the equivalent. Rapid reading of selections and works of a scientific character.

8.—SCHILLER. *Three hours credit.* First Semester.
M. W. F., at 3.
Prerequisite, German 4, or the equivalent. The reading of two of Schiller's dramas.

9.—LESSING. *Three hours credit.* Second Semester.
M. W. F., at 2.
Study of Lessing's life. Amilia Galotti and Nathan der Weise are read. Prerequisite, German 5 and 6 or 8.

10.—GOETHE, OR LESSING. *Three hours credit.*
Second Semester, and Summer Term.
M. W. F., at 3.
Prerequisite, German 5 and 6 or 8. Introductory study of Goethe's life. The reading of two of his dramas, and selections from Dichtung and Wahrheit.

11.—CRITICAL PROSE. *Three hours credit.* On sufficient demand.
Prerequisite, German 5 and 6 or 8. Rapid reading of history, biography, etc.

12.—NINETEENTH CENTURY DRAMATISTS. *Three hours credit.*
First Semester.
Prerequisite, German 5 and 6 or 8, 9 or 10. Selected works from Kleist, Grillparzer, and Hebbel. (Not given in 1912-'13.)

13.—GERMAN LITERATURE I. *Two hours credit.*
On sufficient demand.
T. Th., at 11:30.
Prerequisite, German 10 or 12. The history of German literature from the earliest times to Reformation, based on Francke, Scherer, or Robertson. Selected readings and reports by members of the class.

14.—GERMAN LITERATURE II. *Two hours credit.*
On sufficient demand.
T. Th., at 11:30.
From the Reformation to the beginning of the nineteenth century. Prerequisite, German 13.

15.—DRAMATIC READING. *One hour credit.* Second Semester.
Th., at 4.
The reading of dramas, with special attention to pronunciation and expression.

16.—WILHELM TELL. *One hour credit.* On sufficient demand.
T. Th., at 5.
Studies in Schiller's Wilhelm Tell, with special reference to teaching it.

17.—ADVANCED GRAMMAR AND COMPOSITION. *Three hours credit.*
Second Semester.
M. W. F., at 10:30.
Von Jagemann's Prose Composition, and a study of the German grammar, based on Curme's German Grammar and other reference grammars. Prerequisite, German 5 and 6 or 8 and 10.

18.—PHONETICS. *Two hours credit.* Summer Term.
M. T. W. F., at 11:30.
A study of the organs of speech and the formation of German speech sounds; practice in writing phonetic script and in reading German with correct pronunciation and sentence stress. Open to students by consent of the instructor.

19.—TEACHER'S COURSE. *Two hours credit.*
Second Semester, and Summer Term.
T. Th., at 4; Summer Term, M. T. W. F., at 11:30.
A study of methods of teaching the German, organization of courses, lectures, discussions, reports, and observation. Open to students by permission of the instructor.

French.

EQUIPMENT: Given with the German. Students choosing a general language major may elect, in addition to the entrance requirement in language, a minimum of sixteen hours of college French with three units of secondary German, or Latin.

1.—ELEMENTARY FRENCH I. *Five hours credit.*
First Semester, and Summer Term.
Daily, at 8.
Fraser and Squair French Grammar, Part I, complete. Conversation based on Giese and Cool's French Anecdotes, Malot's Sans Famille. This course comprises careful drill in pronunciation, mastery of rudiments of grammar, abundant easy exercises in composition, constant practice in dictation, memorizing, sight reading, and the use of the spoken idiom. No prerequisite in French.

2.—ELEMENTARY FRENCH II. *Five hours credit.*
Second Semester.
Daily, at 8.
Continuation of grammar, with drill on irregular verbs. Sans Famille completed, with composition based on text. Le Conscrit de 1813, Erckmann-Chatrion. Special attention is given to conversation and to the study of the life and customs of the French people. Prerequisite, French 1.

3.—MODERN FRENCH. *Three hours credit.* First Semester.
M. W. F., at 8.
Prerequisite, French 1 and 2, or two units of high-school French. Grandgent's Prose Composition; Daudet's La Belle Univernaise; Coppie and Maupassant Tales; Augier's Le Gendre de Monsieur Poirier, and others.

4.—SEVENTEENTH CENTURY DRAMATISTS. *Three hours credit.*
Second Semester.
M. W. F., at 8.
Prerequisite, French 3. Grandgent's Prose Composition completed; Moliere's L'Avare; Racine's Athalie, Corneille's Le Cid.

MUSIC.

HENRY D. GUELICH, Director Department of Music, Piano, Theory and History of Music.
FRANK A. BEACH, Director-elect of Department of Music, Professor of Public School Music.

RENA BECK, Piano.
MILDRED BOOMHOWER, High School Music, and Voice.
W. CLAIRE FOOTE, Voice Training. Glee Clubs.
EVALINE M. HARTLEY, Voice Training. Girls' Chorus.
BERENICE RICE, Piano and Theory of Music.
CATHERINE STROUSE, Supervisor in Training School. Methods.
E. ANNA STONE, Piano.
MABLE STONE, Piano.
JO SHIPLEY WATSON, Piano, Lecture Recitals.
CARLTON WOOD, Stringed Instruments, Band, and Orchestra.

With the present season the Department of Music enters upon its twelfth year as a department of the Normal School. During that time the different courses have developed in scope and variety to meet the increasing and growing demand for music instruction. The department now occupies a building of its own, with well-equipped studios, classrooms, piano and practice rooms. The library contains a choice collection of books for reference, vocal and instrumental scores. These increased facilities have made it possible to offer superior advantages in individual and class instruction in public school music, in the theory and history of music, music appreciation, musical analysis, piano, voice culture and stringed instruments.

It is the plan of the work to give the student who wishes to complete a course in the above-named branches an opportunity to receive a general academic equipment, specific training in music, proficiency in public performance, and a thorough preparation for the profession of teaching. It is also intended that those students who can spend only a part of their time in the study of music may take up special work, suited to their needs and attainments, thereby increasing their efficiency as teachers in the public schools. The special courses include elementary and advanced instruction in piano and voice, sight reading, accompanying, and selections suitable for kindergarten, primary and general school exercises; also short and practical courses in the history and appreciation of music, harmony and musical analysis suitable for grade and high-school instruction.

The work of the year is interspersed with public recitals and concerts given by pupils and members of the teaching staff. A number of organizations are also maintained by the department. The orchestra, band, and small organizations are free to students who can derive benefit therefrom. The Choral Union—the all-school chorus—affords opportunity for study of the oratorios and large secular compositions. (See Public School Music, course 12.)

CERTIFICATES AND CREDIT.

A certificate of proficiency in Public School Music is awarded upon completion of twenty-eight hours of sight singing, methods, chorus drill, voice, practice teaching, appreciation, systems, ear training, conducting and ensemble, together with the required subjects for the Three-year State Certificate. These will be found under "Certificates and Diplomas" in the opening pages of this catalogue.

A Supervisor's Diploma of Graduation is granted to holders of the Public School Music Certificate upon completion of an additional year of work, which shall comprise five hours of psychology and English, eight hours of instrumental and vocal instruction, fifteen hours of class work, including harmony, history of music and melody writing, one semester of supervision of practice teaching and chorus conducting.

A certificate of merit is granted to students who have completed courses 9 and 10 and prerequisites in piano, voice culture or violin, harmony I and II, history of music I and II, musical analysis I and II, normal class I, and ensemble playing or singing.

A diploma of graduation will be awarded students upon the completion of certificate course, courses 11 and 12 in piano, voice culture or violin, counterpoint I and II, and ensemble playing or singing II.

Credit is allowed for all work satisfactorily completed; in class recitation as stated after each course; students enrolled in individual instruction—piano, voice, or violin—will be granted credit applicable as an elective for any certificate or for the degree course upon the basis of two hours for biweekly lessons for a semester.

Due credit will be allowed upon examination for satisfactory work done in accredited institutions.

Public School Music.

A comprehensive and practical course for teachers and supervisors of music has been in operation for five years. A considerable number of graduates are successfully teaching in Kansas and adjoining states. In 1912, seventeen completed the requirements of this course.

In addition to the academic work deemed essential for a proper general equipment, there is offered specific training in sight singing, ensemble practice, elementary harmony and ear training; courses in the appreciation of music, both for the development of the individual and for teaching purposes; definite experience in the planning of outlines for the various grades, as a part of the course in public school music methods; instruction in individual voice production and singing, as well as in the care and development of children's voices; experience in chorus conducting, and practice teaching of classes of children in the model training school under the criticism of a supervisor of wide preparation and experience.

The teachers engaged in this work number five, and have been specially prepared in this country and in Europe. The close correlation between the methods courses and practice teaching in the Normal Secondary School and in the Training School affords unusual opportunity for the acquisition of theory and its application in the various subjects related to the teaching of music in the public schools.

Since each person's voice demands individual treatment, it is not possible to express in definite terms a method of singing. The following general statement will, however, be of interest to prospective students:

In the development of voices, particular stress is laid upon correct control of the breath; the acquisition of a perfectly

blended scale; the elimination of the sensation of "going up" or "going down" to tones; the establishment of distinct enunciation and finished diction; the development of an artistic yet individual power of interpretation. The director or teachers of the department are ready at stated hours to test voices and suggest courses to meet individual needs. Contrary to the commonly accepted idea, not the few but the majority can cultivate the art of singing. The mass of public singers to-day are not highly gifted; rather are they persons of average ability coupled with application and wise study.

An important phase of this individual work deals with the correction of certain vocal defects, and particularly with the securing of quality and carrying power in the speaking voice through the employment of the high-chest, intercostal breathing of singers, proper voice placement and distinct enunciation.

Several musical organizations are fostered by the department. These are open to all students able to derive advantage therefrom. The Choral Union is the all-school chorus for which credit is allowed. (See course 12.)

Several of the following courses, which are both cultural and practical, are offered, to prepare the prospective teacher and principal to mold the taste of his school and community along musical lines.

The issuance of credit in certain courses depends largely upon the relative gain in proficiency, account being taken of the varying degrees of natural ability and previous training.

1.—ELEMENTARY SIGHT SINGING. *Two hours credit.*

Each Semester.
T. Th., at 9.

Deals with the elements of music, rote singing, the facts of time and tune with their staff representation, leading to the reading of one-part music. Students who have had some sight reading may enter Music 1*a*. Students electing music for the Certificate of Special Proficiency in Intermediate and Grammar Grade Teaching should take this course.

A student electing music for any certificate or for the degree should select Elementary Sight Singing as the *first* two hours credit.

1*a*.—RAPID ONE-PART SIGHT SINGING. *Two hours credit.*

Each Semester.
T. Th., at 9.

Open to students who have had course 1 or music prior to college entrance.

2.—INTERMEDIATE SIGHT SINGING. *Two hours credit.*

Second Semester.
T. Th., at 2.

This course is designed to succeed 1 or 1*a*.

3.—ADVANCED SIGHT SINGING. *Two hours credit.*

Second Semester.
T. Th., at 11:30.

Sight reading in three and four parts. Writing and recognition of intervals and chords. Open to students who have had four hours college work in sight singing and to others specially qualified.

4.—KINDERGARTEN AND PRIMARY MUSIC METHODS.

Two hours credit. Second half each Semester and Summer Term.

M. T. W. F., at 2.

Required for Kindergarten Life Diploma. Students electing music for the Certificate of Special Proficiency in Primary Teaching should take this course together with Public School Music I, or 1*a*, or 2.

5.—PUBLIC SCHOOL MUSIC METHODS. *Two hours credit.*

First half each Semester, and Summer Term.

M. T. W. F., at 2.

Prerequisite, course 2, or equivalent. An outline of the work of the various grades, choice and use of material, voices and interpretation. Students electing music for the Certificate of Special Proficiency in Intermediate and Grammar Grade Teaching should take this course.

6.—SYSTEMS. *One hour credit.* Second half Second Semester.

T. Th., at 3.

A comparative study of the several systems of public school music and their application. Open to students who are specializing in the department. Prerequisite, courses 1, 2, and 5.

7.—EAR TRAINING AND ANALYSIS. *One hour credit.*

Singing and recognition of triads, seventh chords and modulation. Prerequisite, 6 hours of sight singing.

8.—INDIVIDUAL PRACTICE TEACHING. *One hour credit.*

Dealing with monotones and deficient pupils under supervision.

9.—RURAL SCHOOL TEACHERS' COURSE. *Three hours credit.*

Summer Term.

Daily, at 8.

This course deals with the subject matter and methods of public school music for ungraded and small schools in third-class cities. Drill in rhythm and intervals and individual singing are included. Students electing music for Certificate of Special Proficiency in Rural School Teaching should take this course.

10.—LIBRARY READING. *One hour credit.*

11.—CHORUS CONDUCTING. *One hour credit.*

This includes the problems of classifying voices, effective arrangement of parts, selection of material, correct use of baton, and the securing of variation in tempo and dynamics.

12.—CHORUS SINGING I. *Two hours credit.*

Summer Term.

M. Th. F., at 10:30.

For the study of cantatas and oratorios. Open to all students in High School and College. Two hours credit for two semesters' rehearsals or the equivalent.

13.—CHORUS SINGING II. *Two hours credit.*

Throughout the year.

T. Th., at 7 P. M.

Continuation of 12. Condition of credit the same.

14.—ADVANCED ENSEMBLE PRACTICE. *Two hours credit.*

First Semester.

A study of the various vocal forms, including chant, anthem, cantata, oratorio, and opera. Open to advanced students or especially qualified under-classmen.

15.—APPRECIATION OF MUSIC I. *One hour credit.*

First half Each Semester, and Summer Term.

T. Th., at 10:30.

Designed for beginners. No prerequisite.

The purpose of the course is to acquaint students with standard vocal and instrumental compositions, and to enable them to listen discriminatingly. For study and illustration there are employed records for the Victor and Columbia, together with rolls for the Pianola.

16.—APPRECIATION OF MUSIC II. *One hour credit.*

Second half Each Semester, and Summer Term.

T. Th., at 10:30.

Prerequisite, Appreciation I. A study of musical composition through the analysis of characteristic vocal and instrumental forms. Typical operas of Verdi and Gounod and some well-known sonatas and symphonies of Beethoven and his predecessors. In order to make possible a closer acquaintance with the compositions studied, as well as a familiarity with the phonograph and piano player, students who are enrolled will be allowed, under certain regulations, to use the instruments. As a protection against damage to records and rolls a small laboratory fee may be required.

17.—A CAPELLA ENSEMBLE I. *One hour credit.*

Unaccompanied chorus work in girls' and men's choruses. Prerequisite credit, four hours of sight singing.

18.—A CAPELLA ENSEMBLE II. *One hour credit.*

A continuation of course 17, and leads to the presentation of simple operettas and cantatas, suitable for high-school students.

Theory, History and Analysis of Music.

21.—HARMONY I. *Three hours credit.* Each Semester.

M. W. F., at 9.

The fundamental principles of the theory of music are embodied in the study of harmony, which treats of the different chords in their natural relations and combinations. The subdivisions of the subject are as follows: Intervals; triads, seventh and ninth chords with their inversions; cadences; modulation; ear training; harmonizing melodies.

22.—HARMONY II. *Two hours credit.* Second Semester.

T. Th., at 9.

Chromatically altered chords; augmented chords; suspensions; passing and changing notes; modulation; organ-point; analysis; ear training; original work in harmonizing melodies.

23.—HARMONY III. *One hour credit.* Upon sufficient demand.

T. Th., at 2.

A short analytical course in the fundamental principles of harmony, including scales, intervals, triads and seventh chords. Designed especially for school teachers who desire a brief and practical working knowledge of harmony, with only a limited amount of written work. The application of the subject to the structure of school music will receive special attention.

24.—HISTORY OF MUSIC I. *Two hours credit.* First Semester.

T. Th., at 9.

This is a literary course, which does not require special technical skill; it is open to all students who have practical knowledge of vocal or instrumental music. The work includes the growth of music from ancient to modern times; the history of early church music; the development of musical forms, sacred and secular, and instruments; and the polyphonic era.

25.—HISTORY OF MUSIC II. *Three hours credit.* Second Semester.

M. W. F., at 9.

Modern music and musicians; biographies and the works of the great composers of the classic, romantic and modern schools. The history of the opera, cantata, oratorio, symphony, and various other forms are studied in detail.

26.—HISTORY OF MUSIC III. *One hour credit.*

Upon sufficient demand.

T. Th., at 3.

A course in the history and appreciation of music, intended for grade and high-school instruction, covering in abbreviated form the elements of music appreciation, the essential facts of music history, and illustrated with records. Special attention will be paid to lesson outlines, text and reference books, use of victrola and pianola for illustration, and library of servicable records.

27.—MUSICAL ANALYSIS I. *One hour credit.*

First half First Semester.

T. Th., at 3.

The courses in musical analysis are for students who wish to understand and appreciate the works of the great composers. The work of this course consists of lectures and recitals on instrumental forms. The symphony, sonata, string quartet and the smaller forms are analyzed and explained. Representative types are played in the class.

28.—MUSICAL ANALYSIS II. *One hour credit.*

Second half First Semester.

T. Th., at 3.

A study of the construction of vocal forms, including the opera, oratorio, cantata and smaller forms. The work is supplemented with vocal illustrations.

29.—COUNTERPOINT I. *Three hours credit.* First Semester.

M. W. F., at 10:30.

Counterpoint applies the principles of harmony to the melodious treatment of the several voice parts in combination. The study of this subject naturally follows that of harmony and develops the contrapuntal facility necessary to all forms of composition. The work includes strict counterpoint; the various orders of modern counterpoint; contrapuntal treatment of *cantus firmus* in different voices; harmonization of chorals and melodies; simple forms of free composition.

30.—COUNTERPOINT II. *Three hours credit.* Second semester.

M. W. F., at 10:30.

Counterpoint in five or more parts; vocal counterpoint; analysis; exercises in free composition.

31.—NORMAL CLASS I. *One hour credit.* Second Semester.

W., at 3.

A special course for students preparing themselves as teachers. The work embraces lectures on methods of teaching; papers and discussion by students; and a monthly conference devoted to current events.

32.—ENSEMBLE PLAYING I. *One hour credit.* Throughout the year.

Time to be assigned by the instructor.

Ensemble playing classes in piano and violin meet weekly for the study of concerted music. Four- and eight-hand music and chamber music for stringed instruments form the basis of the work. This practice enables the pupil to become acquainted with many masterpieces and receive training in sight reading and accompanying.

33.—ENSEMBLE PLAYING II. *One hour credit.* Throughout the year.

Time to be assigned by the instructor.

Advanced ensemble playing; continuation of course 1.

Piano.

Whatever line of music work one may enter, a knowledge of the piano is of distinct advantage. The aim of the instruction offerred is to give to each student that training which shall make his musical equipment most nearly complete. While technical drill is essential, this is considered only as a means to the ultimate end of all instruction—self expression.

The following courses are designed to prepare students for the profession of teaching, to acquaint them with the choicest literature of piano music, and to develop artistic soloists.

PREPARATORY GRADES.

1 AND 2.—Exercises in the forming of the hand, developing the finger, wrist and arm muscles; technical studies from Koehler, Virgil and Mason; sight reading; easy selections.

3 AND 4.—Technical exercises from Mason and Virgil; etudes for phrasing, rhythm and expression by Sidus, Concone, Gurlitt and Streabbog; sight reading; selections from the best modern writers.

INTERMEDIATE GRADES.

5 AND 6.—Etudes for expression and phrasing by Lemoine, Loeschhorn and Concone; octave studies by Gurlitt and Doering; sonatinas selected from the works of Clementi and Kuhlau; technical exercises by Mason, Virgil and Leschetizky; ensemble playing; modern and classic selections.

7 AND 8.—Studies by Loeschhorn, opus 66; Heller, opus 46, 47; Duvernoy, opus 120; preludes by Bach; Vogt, opus 145; Wolff, opus 118; technical exercises, selected; sonatas by Mozart, Haydn and Beethoven; selections from the works of modern and classical composers; ensemble work.

ADVANCED GRADES.

9 AND 10.—Inventions by Bach; Czerny, opus 740; Cramer studies; Czerny, opus 553; selected technical exercises; sonatas by Beethoven, Mozart and Haydn; movement of a concerto, ensemble playing; modern and classic selections; public performance.

11 AND 12.—The Well-tempered Clavichord, by Bach; Clementi's Gradus ad Parnassum; octave studies by Kullak; etudes by Moscheles, opus 70; advanced technical exercises; sonatas by Beethoven and Haydn; modern or classic concerto and suite; ensemble work; practical work in musical pedagogy; recital of classic and modern selections.

13 AND 14.—Selected etudes from the works of Chopin, Liszt, Schumann, Henselt and Moszcowski; sonatas, concertos and suites, modern and classic; concert selections of the best composers; public recital.

15.—A course in preparatory and intermediate grades for teachers who desire training in sight reading, accompanying, playing school music, and a study of selections suitable for kindergarten, primary and general school exercises. A credit of one hour will be allowed for completing prescribed course.

16.—Continuation of course 15 in advanced grades.

17.—An introductory course for Adult Beginners. Designed for primary and grade teachers who wish to acquire an elementary knowledge of the piano. The work is so outlined as to direct along correct lines the subsequent practice of students who are in school for the summer term or a similarly brief period. The course consists of a concise presentation of fundamentals leading up to the study of easy selections for phrasing and expression, with the daily requirement of one hour's preparation. This work is correlated, when desired, with Primary and Kindergarten Music Methods. (See course 4 under Public School Music.)

INSTRUCTION IN PIANO FOR JUVENILES.

A special course of instruction in piano for children is offered by the Music Department. The plan of the course is to present the work in a simple, clear and interesting manner, and to train the pupils in the fundamental principles of piano playing. The Fælton, Fletcher and Virgil methods will be used as a basis for the work.

The tuition for children for a term of nine weeks is nine dollars.

This will entitle the pupil to two lessons per week. Both private and class lessons will be given; the private lessons will

be devoted to individual instruction; class lessons will include special training in sight reading, rhythm, technic, ear training, melody building, transposition, musical biography, elementary harmony and ensemble work.

The tuition for juveniles, from the age of twelve to sixteen, for a term of nine weeks, eighteen private lessons, is nine dollars.

Voice Culture.

In the development of voices, particular stress is laid upon correct control of the breath; the acquisition of a perfectly blended scale; the elimination of the sensation of "going up" or "going down" to tones; the establishment of distinct enunciation and finished diction; the development of an artistic yet individual power of interpretation. The director or teachers of the department are ready at stated hours to test voices and suggest courses to meet individual needs. Contrary to the commonly accepted idea, not the few but the majority can cultivate the art of singing. The majority of public singers to-day are not highly gifted; rather are they persons of average ability whose training has been wisely directed.

An important phase of this individual work deals with the correction of certain vocal defects, and with the securing of quality and carrying power in the speaking voice through the employment of the high-chest, intercostal breathing of singers, proper voice placement and distinct enunciation.

PREPARATORY GRADES.

1 AND 2.—Fundamental principles of voice building; tone and vowel work; correct physical poise, with natural and easy methods of breathing; diction, sight reading and simple songs.

3 AND 4.—Advanced exercises for intensified respiration; exercises in major, minor and chromatic scales; etudes for modulation; sight reading and ear training; advanced solo work and choral singing.

INTERMEDIATE GRADES.

5 AND 6.—Studies for enunciation, rhythm and phrasing; acoustics and vocal physiology; sight reading and diction; selected etudes from Concone and Marchesi; songs from modern composers.

7 AND 8.—Exercises for attack, legato and staccato; interpretation; solfeggio and ensemble practice; etudes by Lamperti and Lankow; vocalises by Panofka and Shakespeare; ballads and lieder.

ADVANCED GRADES.

9 AND 10.—Vocalises in phrasing by Marchesi, opus 3; exercises by Panofka, opus 8; exercises for flexibility, shade and tone color; study in artistic interpretation; selections from the works of English, German and Italian writers; public performance.

11 AND 12.—Advanced work in technical studies for phrasing; development of natural style and cultivation of dramatic expression; study of piano accompaniments; oratorio and operatic selections; practical work in musical pedagogy; public recital.

GRADUATE GRADES.

13 AND 14.—Repertory of English, French, German and Italian songs; technical exercises and vocalises; recitations, arias and ensemble music from standard operas and oratorios; concert selections; public recital; from the works of modern and classic composers.

Violin.

PREPARATORY GRADES.

1 AND 2.—Careful study in holding the violin, position of the body, placing of fingers in different keys; fundamental principles of bowing; foundation studies by Gordon and Dancla; violin duets by Pleyel; book I by Kayser; easy selections.

3 AND 4.—Scale studies in all keys, varied fingering and simple bowing; arpeggio forms in first and third positions; study of changing positions; studies by Kayser, book II; etudes by Henning and David; selections.

INTERMEDIATE GRADES.

5 AND 6.—Studies in all positions; special studies in changing of positions; etudes by Kayser, book III; violin duets by Maza; symphonies by Dancla; technical studies by Schradieck and Sevcik; ensemble playing; modern and classic selections.

7 AND 8.—Scales in all positions, major and minor, in thirds and octaves; etudes and caprices by Kreutzer; advanced studies in double stopping by Sevcik; duets by Viotti and Maza; concertos by Viotti; ensemble work; selections from the works of modern and classic composers.

ADVANCED GRADES.

9 AND 10.—Selected etudes and caprices by Kreutzer; studies by Schradieck, books II and III; caprices by Fiorillo; perpetuoso by Paganini; fantasias by Saenger; David's Violin School, book II; concertos, sonatas and selections, modern and classic; public performance.

11 AND 12.—Artistic studies by Maza; ten characteristic studies by Allard; Spohr's Violin School; caprices by Rhode; advanced technical exercises; concertos, sonatas and selections from the works of modern and classic composers; ensemble playing; practical work in musical pedagogy; public recital.

13 AND 14.—Six sonatas by Bach; caprices by Paganini; concertos, fantasias and concert selections from the works of Beethoven, Mozart, Spohr, Vieuxtemps, Wieniawski and Mendelssohn; public recital of modern and classic selections.

15.—Organization and conducting of High School Orchestra. A practical course for violin students and such others as may be able to derive benefit therefrom. One hour credit.

Intermediate students are afforded opportunity for ensemble playing and advanced pupils may have the privilege of orchestral practice without additional charge.

RATES OF TUITION.

Students who are regularly enrolled in work required for any certificate granted by the Normal School are not charged with any additional fee for Public School Music courses 1 to 30.

For individual instruction and theoretical work the fees are as listed hereafter:

PIANO.

Juvenile course	$9.00
Intermediate course	10.50
Secondary course, preparatory grades	13.50
Secondary course, intermediate grades	15.00
Advanced grades	18.00
Preparatory grades, first year, for adults, with assistants,	9.00
Introductory course, adult beginners	13.50

VOICE CULTURE.

Secondary course, preparatory grades	$13.50
Secondary course, intermediate grades	15.00
Advanced grades	18.00

VIOLIN.

Juvenile course	$9.00
Secondary course, preparatory grades	13.50
Secondary course, intermediate grades	15.00
Advanced grades	18.00

MANDOLIN, GUITAR AND BAND INSTRUMENTS.

Band and orchestral instruments	$13.50
Mandolin and guitar	10.00

THEORY AND HISTORY OF MUSIC.

In the courses in theory and history of music there are ten weeks to a term. The rates given below are for a term of ten weeks.

Harmony, in class	$5.00
History of music, in class	5.00
Counterpoint, in class	10.00
Fugue and instrumentation, in class, each	10.00
Private lessons in any of the above courses	15.00

PIANOS AND PRACTICE CLAVIERS.

One hour a day, for a term of ten weeks	$1.80

Two or more hours at the same rate per hour.

Lessons in piano, voice, and violin are theoretically half-hour periods; where necessary for the passing to and from classes the actual time may be 25 minutes.

REGULATIONS.

All tuition is payable strictly in advance, at the beginning of each term. All work in this department is suspended on legal holidays as given in the calendar of this catalogue. Students may enter at any time; however, it is best to enroll at the beginning of a term. All lessons lost by absence or tardiness of the pupil will be the pupil's loss, unless reasonable previous notice of the expected absence is given, in which case the lesson will be made up within the term only. A record is kept of all completed work in technical and theoretical music. Students must com-

plete a full term of lessons or class work in order to receive a grade for the work. Students leaving or discontinuing lessons during the term time forfeit all payment, except in case of protracted illness, in which case the balance will be allowed upon a subsequent term or half the loss will be borne by the department. All students who wish to take up work in this department must receive an assignment card from the director of music. This card must be presented to the registrar and exchanged for a permit. No student will be permitted to receive instruction or enter a class until the tuition has been paid and the permit has been presented to the instructor.

A limited number of free and partial scholarships, it is expected, will be available for talented students who are unable to pay regular rates. These will be granted at the beginning of the year upon written application and examination.

GENERAL PEDAGOGY GROUP.

The General Pedagogy Group includes the Departments of Psychology and Philosophy, School Administration and Supervision (for city schools), Rural School Administration, and History and Philosophy of Education. Students majoring in either of these departments may count ten hours of the "required" courses in pedagogy toward completing their major. The remaining twenty hours should be chosen under the direction of the head of the department in which the student is majoring. Of these twenty hours at least ten hours should be in some one department; the remainder may be distributed among the other departments constituting the general pedagogy group.

5*a*.—PEDAGOGY SEMINAR. *One hour credit.*

Each Semester, and Summer Term.

The class will meet for a double recitation period once in two weeks. A course in research for advanced students, conducted by all the instructors giving work in general pedagogy. Problems in educational and clinical psychology, school administration, city and rural, history and principles of education, are studied. To be taken only on consultation with the men in the department. This course is the outgrowth of what has been known as "The Psychology Club."

Psychology and Philosophy.

Professor TRIPLETT.

PSYCHOLOGY.

1.—ELEMENTARY PSYCHOLOGY. *Two hours credit.*

Each Semester, and Summer Term.

T. Th., at 10:30; Summer Term, at 8, second half Second Semester, at 9.

Required of all who have not had psychology in high school. In this course the simpler aspects of the ordinary phases of mental activity are dealt with. Exercises are also given to develop introspection and to give familiarity

with the mental processes. It is not expected in this short course to introduce the student to the whole field, but rather to emphasize and thoroughly ground him in a few fundamental ideas and to give him the right attitude toward the subject.

2.—GENERAL PSYCHOLOGY. *Four hours credit.*

Each Semester, and Summer Term.

M. T. W. F., at 10:30; Summer Term at 9 and 10:30.

Required. This course is placed in the second year, but may be taken as early as the second semester of the Freshman year. A systematic treatment of the subject is attempted. Some experimental work in the line of illustration and a number of class experiments are given. Individual topics are also assigned for thorough study.

3.—CHILD PSYCHOLOGY. *Two hours credit.* Each Semester.

T. Th., at 11:30; Summer Term, at 11:30.

Elective. Course 2 is a prerequisite. Treats generally of the mental development of children, aiming to give a point of view. Seeks to give a knowledge of the nature and needs of the child at the different periods of his growth. Direct observations are made and various investigations studied.

4.—GENETIC PSYCHOLOGY. *Two hours credit.* Second Semester.

T. Th., at 8.

Elective. In this course a study of the mental life of animals is made, and comparisons drawn with human activity, especially that of children. All psychology is becoming genetic and functional in character, and a proper study of life activities of any kind, and especially those bearing upon education, must take into account this development phase of the subject. Given in alternate years.

5.—EDUCATIONAL PSYCHOLOGY. *Three hours credit.*

Second Semester, and Summer Term.

M. W. F., at 8; daily, in Summer Term.

Required. In this course important topics in psychology are treated in their educational aspects. Many of these—of the utmost value for the teacher—such, for instance, as the learning process, economical methods of memorizing and making associations, the education of the senses, etc., have little or no space in the ordinary textbook. Each student also, as a special study, is required to deal with the psychology of some subject in the curriculum, as the psychology of spelling, of reading, of arithmetic, and the like.

6.—PSYCHOLOGY OF ADOLESCENCE. *Three hours credit.*

First Semester.

M. W. F., at 8.

May be taken in place of course 5. A study of the important physical, mental and moral changes which are natural to adolescence. Given with the aim of laying a foundation for the pedagogy of secondary instruction.

7.—ADVANCED PSYCHOLOGY. *Four hours credit.*

Elective. May by permission be substituted for required work. A course in which the subject is studied in considerable detail, as far as time permits.

8.—PSYCHOLOGY OF RELIGION. *Two hours credit.*

Given in alternate years.

Elective. A study of the psychological phases of religion, with the aim of improving the quality of religious pedagogy, particularly in Sunday-school and missionary work.

9.—SOCIAL PSYCHOLOGY. *Two hours credit.* First Semester.

T. Th., at 8.

Elective. A study of those interests and instinctive tendencies of the mind that are the result of the community life of the race. It is meant to throw light on the nature of society and to give a basis for a more truly social pedagogy.

10.—CLINICAL AND ABNORMAL PSYCHOLOGY. *Three hours credit.*

Second Semester.

May be taken in place of course 5. Elective. A study which includes disturbances and defects of personality. A study of the arrested and dull, the gifted and the genius. Attention is given also to the psychology of capacities and the Binet measuring scale of intelligence and other mental tests, using Whipple's Manual. The various phases of the psychology of tension and catharsis, the methods of psychoanalysis, including the association method, hypnotism, etc., are given some attention.

PHILOSOPHY.

11.—HISTORY OF PHILOSOPHY. *Four hours credit.*

First Semester.

M. T. W. F., at 9.

Elective. This course includes: (1) Greek and Roman philosophy, with the emphasis on Plato and Aristotle. (2) Mediæval philosophy, a rapid survey of early Christian and scholastic philosophy. (3) Modern philosophy, from Descartes to Kant. In connection with the outline given, the masterpieces are read so far as time permits.

12.—PHILOSOPHICAL SYSTEMS. *Three hours credit.*

Second Semester.

M. W. F., at 9.

Elective. A systematic study of historical and current systems, such as materialism, realism, the various brands of idealism, etc.

13.—PROBLEMS IN MODERN PHILOSOPHY. *Two hours credit.*

Given in alternate years.

Elective. A study of certain tendencies in modern thought, such as absolute idealism, pragmatism, Bergsonism, etc. The content of this course varies with the time of offering it. Timeliness is made the guide.

14.—LOGIC—DEDUCTIVE AND INDUCTIVE. *Two hours credit.*

Second Semester.

T. Th., at 9.

Elective. This study aims to cover the ground usually embraced in such a course; the nature of the syllogism, the logic of scientific methods, varieties of fallacies, etc.

15.—ETHICS. *Three hours credit.* First Semester.
M. W. F., at 11:30.
Elective. This course begins with a study of the developmental side of the subject. Attention is then given to the systematic side and practical applications made. Dewey and Tuft's text is used.

School Administration and Supervision.

(FOR CITY SCHOOLS.)

Professor RILEY.

1.—GRADES SCHOOL ADMINISTRATION, INTRODUCTORY COURSE.
Two hours credit. Each Semester, and Summer Term.
T. Th., at 10:30; Summer Term, M. T. W. F.
Either this course or the course Rural School Problems required for Life Diploma. This course is designed primarily for students preparing to teach in the elementary grades of city schools. The course in Rural School Problems is for those preparing to teach in the country schools. The following topics are emphasized: The qualifications of the teacher, grading and promotion, the recitation process, discipline, study and preparation, school incentives, the school and the community. Text, Dutton, School Management.

2.—ELEMENTARY ADMINISTRATION AND SUPERVISION.
Two hours credit. Second Semester, and Summer Term.
T. Th., at 8; Summer Term, M. T. W. F., at 8.
For ward principals and superintendents. Elective. May be substituted for course 1 upon the recommendation of the department. This course will include a study of systems of grading and promoting, the elementary curriculum, the daily program, records and reports, grade teachers, meetings, community centers, the relations between ward principals, teachers and superintendents.

6.—SECONDARY SCHOOL ADMINISTRATION AND SUPERVISION.
Three hours credit. First Semester, and Summer Term.
M. W. F., at 10:30; Summer Term, daily, at 10:30.
For principals and teachers, and superintendents. Required of degree students. This course is designed primarily for students wishing to study modern school problems, for example, financing of public education, units of school administration, the teaching staff, the high-school course of study, the administration of high schools, and the administration of physical and correctional education. The work is based upon Dutton and Snedden's text, Administration of Public Education in the United States, and Chancellor's text, Our Schools: Their Administration and Supervision.

7.—PROBLEMS IN SECONDARY EDUCATION. *Three hours credit.*
Second Semester, and Summer Term.
M. W. F., at 11:30; Summer Term, daily, at 11:30.
Prerequisite, course 6. Elective. Intensive study of the problems of secondary education, such as the function of the high school, its relation to the elementary school, the uni-

versity, and society; the program of studies; the pupil, the teacher, the principal and superintendent; organization and management, discipline, etc. The work of the leading high schools will be studied, but at the same time the practical needs of the smaller high schools will be kept in mind. Based on J. Franklin Brown's The American High School, and Elmer Ellsworth Brown's The Making of Our Middle Schools.

8.—NATIONAL SCHOOL SYSTEMS. *Two hours credit.*

Second Semester.

T. Th., at 11:30.

Prerequisite, course 6. Elective. A comparative study of the school systems of Germany, France, England and the United States. References and lectures.

9.—NEEDED SCHOOL LEGISLATION. *Two hours credit.*

First Semester.

The class will meet one evening each week for two recitation hours.

Prerequisite, course 6. The purpose of this course is to make a comparative study of the school laws of the different states and the various educational reports, with a view to framing one or more educational bills. Elective.

10.—PRACTICAL PROBLEMS. FOR SUPERINTENDENTS AND PRINCIPALS. *Two hours credit.*

Second Semester.

The class will meet one evening per week for two recitation periods each meeting.

Prerequisite, course 6. This course includes a study of the practical problems of superintendents and principals, such as school supplies, construction of school buildings, heating and ventilating systems, janitor service, questions of discipline, the making and use of school records and reports, what to look for in visiting schools, complaints and how to deal with them. Elective.

11.—EXPERIMENTAL PROBLEMS IN EDUCATION.

Two hours credit. First Semester.

T. Th., at 9.

In this course a study will be made of the status of present-day experimental problems in education, such as the various tests for the senses and higher mental and motor processes, recent educational measurements of arithmetical abilities, methods of teaching spelling, penmanship, reading, etc. Elective.

12.—CURRENT EDUCATIONAL PROBLEMS. *Two hours credit.*

First Semester.

T. Th., at 11:30.

Lectures and discussions of current educational problems, such as vocational education, physical and correctional education, the playgrounds movement, health inspection, etc. Elective.

13.—SUPERVISION OF SPECIAL SUBJECTS. *Three hours credit.*

Summer Term.

Daily, at 3.

The purpose of this course is to afford an opportunity to superintendents, principals, and teachers of manual training, drawing, music, and domestic science and art to study the problems of supervision of the courses named. It will be offered with the coöperation of the heads of the departments concerned.

Rural School Administration.

Professor CULTER.

1.—RURAL SCHOOL PROBLEMS. *Three hours credit.*

Each Semester.

M. W. F., at 8.

Either this course or the course in Grades School Administration is required in the Life Diploma Course. This course is intended for those who are interested in rural schools or intend to teach in consolidated or small village schools. It consists of a study of organization and administration, maintenance, supervision, training of teachers, salaries and tenure, buildings and grounds, school gardens, agriculture, etc., as they apply to rural schools. Emphasis will be placed on conditions as they exist in the country and how to bring about a closer union of school and home. One hour of credit will be given for observation, when it is possible to unite this with the other work of the class, and two hours for the regular work of the classroom.

2.—COUNTY SUPERVISION. *Two hours credit.*

Second half First Semester.

M. T. W. Th., at 7 P. M.

In this course a study is made of certain sections of the Kansas school law, comparing our laws with those of other states. Other subjects considered are, office work and the making of official papers, organization and administration of rural schools, maintenance of schools, supervision of rural schools, schoolhouse and grounds, consolidation, etc., using Professor Foght's American Rural School.

3.—RURAL LIFE PROBLEMS. *Three hours credit.*

Each Semester.

M. W. F., at 9.

This course consists of a discussion of the problems of rural life under the general topics of The Rural Problem, Rural Industrial Problems, and Rural Social Problems. We consider the specific problems of isolation, tenancy, roads, movement of farm population, home environments, schools, the church, farm organizations, social life, etc.

History and Philosophy of Education.

Professor MONROE.

HISTORY OF EDUCATION.

One of the three courses (History of Modern Education, History of Secondary Education, or History of Elementary Education) is required of all degree students in the Junior year.

1.—THE HISTORY OF MODERN EDUCATION. *Three hours credit.*

Summer Term.

Daily, at 8.

This course meets the requirement in the Junior year. It aims to present the history of educational thought and practice from early Christian times to the present in such a way as to furnish the student with a body of knowledge and historical perspective which will not only help him to comprehend why things are as they are in the educational world to-day, but will also be of service to him in solving the problems of the schoolroom.

2.—THE HISTORY OF ELEMENTARY EDUCATION.

Three hours credit. First Semester.

M. W. F., at 8.

This course meets the requirements in the Junior year. It may be elected by those not taking the degree course after their Freshman year. It is designed to especially meet the needs of the teacher or principal in the elementary school. It differs from course 1 in that particular attention is given to those movements which have been instrumental in the development of our elementary schools.

3.—THE HISTORY OF SECONDARY EDUCATION.

Three hours credit. Second Semester.

M. W. F., at 8.

This course meets the requirement in the Junior year. It is designed to meet the needs of teachers in secondary schools. It differs from course 1 in that emphasis is placed upon those things in the history of education which have had to do with the development of the secondary schools.

4.—THE HISTORY OF ANCIENT EDUCATION.

Three hours credit. First Semester.

M. W. F., at 11:30.

Elective. Open to students who have studied ancient history. This course aims to be of service to students intending to become secondary school teachers of Greek and Roman history or of Latin. Important phases of the life of the Greeks and Romans of the several periods are studied, in order to gain a clear conception of the evolution of the educational ideals and practices of these people and the influence of these ideals and practices upon Greek and Roman life.

5.—THE HISTORY OF SPECIAL SUBJECTS.

Two hours credit. Summer Term.
M. T. W. F., at 11:30.
Elective. Prerequisite, course 1, 2, or 3, though by special permission it may be taken without this prerequisite. An intensive study of the development of school subjects, such as arithmetic, reading, nature study, etc., and the methods of teaching these subjects.

6.—GERMAN AND FRENCH LIFE AND EDUCATION.

Three hours credit. (Not offered 1913-'14.)

7.—CURRENT EDUCATIONAL LITERATURE. *One hour credit.*

Each Semester.
Th., at 9.
Course may be taken a second semester, entitling student to a second hour of credit.
Elective. Open to students after the first semester of the Freshman year. This course aims (1) to familiarize the student with the best educational magazines and the current educational thought contained therein; and (2) to help the student form the habit of making use of the excellent collection of education magazines found in our library.

PHILOSOPHY OF EDUCATION.

12.—THE PRINCIPLES OF EDUCATION. *Three hours credit.*

Second Semester.
M. W. F., at 9.
Required in Junior year of degree students. Prerequisite, course 1, 2, or 3, in the Department of The History of Education. This course is devoted to a study of the aims of education considered from various points of view, to the discussion of the educational values of the studies contained in the curriculum and of the principles which should determine their selection and emphasis, and to a study of the nature and function of the most important educational agencies. An important aim of the course is to give the high-school teacher an opportunity to study the educational value of subjects other than those which he intends to teach, with the purpose of preparing him to coöperate more efficiently in realizing the aims of the school.

13.—SOCIAL EDUCATION. *Three hours credit.*

(Not offered 1913-'14.)
M. W. F., at 11:30.
Elective. Open to students after First Semester of Sophomore year. The course is devoted to consideration of the problem, What can our schools do to develop through their various activities the socially efficient citizen in our democracy? From this point of view a study is made of the curriculum, methods of studying and reciting, and student organizations, social, academic, and athletic.

14.—MORAL AND RELIGIOUS EDUCATION. *One hour credit.*

Summer Term.
T. Th., at 11:30.
Elective. A consideration of the need and the opportunity for moral training in our public schools.

15.—THE CURRICULUM. *Three hours credit.*

Second Semester.

Elective. Prerequisite, The Principles of Education. A critical examination of the subjects of the elementary and the secondary school with reference to their function.

16.—THE PHILOSOPHY OF EDUCATION. *Three hours credit.*

Second Semester.

M. W. F., at 11:30.

Elective course. Open to students who have studied the principles of education.

Methods.

Professor GLOTFELTER.
Miss HARRIS.

1.—GENERAL METHODS AND OBSERVATION. *Three hours credit.*

Each Semester.

M. W. F., at 10:30.

This will be a course in observation under the direction of a critic teacher. The control of children through psychological laws, the form of presenting lessons, conducting reviews and drills, the outcomes of various procedures, making lesson plans, and occasional teaching of classes will constitute the major part of the course. The elementary topics of school management will be included in the course.

2.—PRIMARY METHODS. *Four hours credit.*

Each Semester, and Summer Term.

M. T. W. F., at 8; at 8 and 11:30, Summer Term.

Elective. The purpose of this course is to offer in lecture form a critical study of methods of presenting the principal subjects of instruction in the lower grades. This work is more extended and definite on the various subjects than is possible in the limited time available in connection with the academic and advanced treatment of the same. The teacher will be led to test methods and to govern their application of the same by the laws of the mind. After each subject is completed, illustrative lessons will be given with the pupils of the first three grades of the Training School.

(1) *Primary Methods*—meaning and purpose.

(2) *Reading*—a study of methods, past and present. The teacher's problems in connection with "beginning reading" without text. The teacher's problems when using the text. Thought work, including expression, dramatic work, etc. Mechanics, melodic phonics, word study, drills, etc. Lists of the best readers.

(3) *Nature Study and Language.* Selecting the material for nature study. How used as a foundation for the language work. The purpose of language in the lower grades. The use of the picture, poem and story, and how correlate with the nature work. Mechanics of language.

(4) *Primary Numbers.* A study of methods, past and present. The teacher's guide in selecting and presenting material. What shall we teach? How? Means of pre-

senting new ideas through use of objects, construction work, etc. Drills, purpose, formal drills, devices, games, etc.

(5) *Geography.* Its place in the primary course. Life work and map work throughout the lower grades. Home or local geography. Outdoor and field lessons, excursions to shops, etc. The use of sand modeling, posters, stones, pictures, etc., in teaching primary geography.

(6) *Music.* The two phases of work—rote singing and the mechanics of music. Value and use of each. Tone work, breathing, rhythm, ear training, eye training; analysis of songs, and how to teach them.

Library Readings.

Practice Teaching.

The Training School offers teaching and observation in all grades from the kindergarten through the high school. Course 3 required for the Three-year Certificate, courses 1 and 2 for the Life Diploma, and courses 3 and 4 in addition for the A. B. degree. Prerequisite to course 1, Elementary Psychology. The number teaching in courses 1 and 2 each semester will be limited to seventy-five, and in courses 3 and 4 to twenty-five. In order to find room in the Training School teaching 1 and 2 should be taken the first semester of the Sophomore year and 3 and 4 the first semester of the Senior year by as many as can be admitted to the school.

1.—TEACHING. *Two hours credit.*

Each Semester, and Summer Term.

Daily. Student has charge of a class under close supervision.

2.—TEACHING. *Two hours credit.*

Each Semester, and Summer Term.

Daily. Student will have more independent charge of class and will be held responsible for results. In this course students will demonstrate their ability in teaching.

3.—TEACHING. *Two hours credit.*

Each Semester, and Summer Term.

Daily. Students taking this course may be required to do supervisory work or teaching as their needs may seem to suggest. Those preparing for principalships and superintendencies may be assigned to do general observation and critic work with a view to meeting the problems of an entire school. Those planning for high-school work may be given advanced classes to teach.

4.—TEACHING. *Two hours credit.*

Each Semester, and Summer Term.

Daily. A continuation of course 3.

Kindergarten.

Miss L. M. ALDER.

The Kindergarten Department offers a two-year college course which aims to give a thorough and practical training to those who desire to fit themselves to become kindergarten directors and teachers. It also offers helpful courses to students specializing in primary work. The department includes, besides the training class, a well-equipped kindergarten. Here the students are given ample opportunity for observation and practice in teaching. The kindergarten department, as an integral part of the larger whole, seeks to keep in close touch with the broadening educational field, and to bring its practices into accord with modern thought and methods.

The Kindergarten Course, leading to the Kindergarten Life Diploma, consists of:

FRESHMAN YEAR.

FIRST SEMESTER.

Required:

General Program.
Kindergarten Technics.. 2 hrs.
Handwork ..... 2 hrs.
Composition and Rhetoric ..... 3 hrs.
Psychology ..... 2 hrs.
Children's Literature .. 3 hrs.
Library Methods ..... 1 hr.
Drawing ..... 2 hrs.
Physical Training ..... 1 hr.

SECOND SEMESTER.

Required:

General Program.
Kindergarten Teaching, 4 hrs.
Plays and Games ..... 2 hrs.
General Methods and Observation ..... 3 hrs.
Story Telling ..... 3 hrs.
Drawing ..... 2 hrs.
Music ..... 2 hrs.
Physical Training ..... 1 hr.

SOPHOMORE YEAR.

FIRST SEMESTER.

Required:

General Program.
Kindergarten Theory .. 2 hrs.
Psychology ..... 4 hrs.
Primary Methods ..... 4 hrs.
Practice Teaching in Primary Subjects .... 2 hrs.
Nature Study ..... 2 hrs.
Physical Training ..... 1 hr.

SECOND SEMESTER.

Required:

General Program.
Kindergarten Teaching, 4 hrs.
Kindergarten Program.. 2 hrs.
Child Psychology ..... 2 hrs.
Kindergarten and Primary Music Methods, 2 hrs.
School Hygiene ..... 2 hrs.
Elective ..... 3 hrs.
Physical Training ..... 1 hr.

ADDITIONAL FOR THREE-YEAR STATE CERTIFICATE.

Geography ..... 3 hrs.
Arithmetic or Arithmetic Teaching, 2 hrs.

ADDITIONAL FOR LIFE CERTIFICATE.

Arithmetic and Arithmetic Teaching, 4 hrs.
History ..... 3 hrs.
Physics of Common Things ..... 4 hrs.
Biology ..... 2 hrs.

1.—PRACTICE TEACHING IN KINDERGARTEN I. *Four hours credit.*

Each Semester.

Daily, at 9 to 11:30.

For first-year students. Students will spend 2½ hours daily observing or teaching in the kindergarten. They will prepare lesson plans, attend conferences, and observe and discuss work done by other teachers.

2.—PRACTICE TEACHING IN THE KINDERGARTEN II.

Four hours credit. Each Semester.

Daily, at 9 to 11:30.

For second-year students. A continuation of course 1. Students will teach in the kindergarten 2½ hours daily under supervision of critic teacher, prepare written plans, and attend conferences. Each student will be responsible for a group of children, and will be called upon to take charge of the kindergarten at stated times.

3.—KINDERGARTEN TECHNICS. *Two hours credit.*

First Semester.

M. W., at 2.

For first-year students. A study of the activities of young children and their manifestations in play. An analysis of the common play materials of children as a basis for determining the principles governing the selection and use of materials in the kindergarten. The Froebelian gifts and occupations; the principles on which they are planned. Modern adaptations and modifications of these. Practice in manipulation of materials. A study of methods in the use of materials.

4.—HAND WORK FOR THE KINDERGARTEN AND PRIMARY GRADES.

Two hours credit. First Semester.

T. Th., at 2.

For first-year students. Lectures, discussions, and practical work. A study of the principles and methods which give educative value to hand work for young children. The aim will be to discuss and use practically materials in which may be found the beginnings of art and of industry, and also materials which meet the constructive instinct as it functions in the play life of the child.

5.—KINDERGARTEN THEORY. *Two hours credit.* First Semester.

T. Th., at 3.

For second-year students. This course aims to give an insight into child nature and its needs, as a basis for kindergarten procedure. The work will be carried on by means of observation of children in the kindergarten and home, by the study of Froebel's Mother Plays and Education of Man, and of other child-study literature. A comparison will be made between the kindergarten procedure as developed by Froebel and that of to-day, reconstructed in the light of modern genetic psychology and child study.

6.—PLAYS AND GAMES. *Two hours credit.* Second Semester.

T. Th., at 2.

For first-year students. This course is adapted to students intending to teach in primary grades as well as to

students in the kindergarten department. A study of the different periods in a child's development, the instincts, impulses and natural play activities of each period. The significance of play as a factor in education; its relation to work. A study of different types of games, and a classification of these according to the age and interest of children. Selection and adaptation of games for kindergarten and for primary use. The actual playing of games.

7.—THE KINDERGARTEN PROGRAM. *Two hours credit.*

Second Semester.

M. W., at 2.

For second-year students. The study of kindergarten activities and materials leading to the organization of a kindergarten program. The principles controlling such an organization. Each student will be required to write in outline a year's plan of work for a kindergarten, and will also plan the equipment for a kindergarten.

8.—GENERAL PROGRAM. *No credit given.*

One hour each week, throughout the kindergarten course.

F., at 2.

Required of all kindergarten students. A study of the kindergarten program as it is carried out from week to week in the Normal School kindergarten, with a discussion of subject matter, materials and methods and a study of individual children. Students will be assigned periods for observation in connection with this course.

PHYSICAL SCIENCES.

Chemistry.

Professor IDEN.

1.—GENERAL CHEMISTRY. *Four hours credit.* Each Semester.

Recitation at 8 and 11:30, M. T. W. F. Laboratory hours, 2 to 4, daily; April-August, at 10:30.

This is a course in inorganic chemistry. It includes a study of the fundamental principles and laws of the science with a detailed study of both nonmetallic and metallic elements. Much practice in writing reactions and solving chemical problems is given. General experiments and demonstrations accompanying the daily recitations, and a minimum of four hours a week laboratory work is required. Laboratory fee, $1.50.

2.—QUALITATIVE ANALYSIS. *Four hours credit.* First Semester.

Recitation at 2, F. Laboratory hours, 2 to 4, M. T. W. Th.

Prerequisite, course 1. This course covers the detection of metallic and nonmetallic irons and the analysis of salts and ores. It is almost wholly a laboratory course. A minimum of eight hours laboratory work and one hour recitation each week is required. Laboratory fee, $2.

3.—QUANTITATIVE ANALYSIS. *Four hours credit.*

Second Semester.

Recitation at 2, F. Laboratory hours, 2 to 4, M. T. W. F.

Prerequisite, courses 1 and 2. This course includes both gravimetric and volumetric methods of quantitative analysis. It is a laboratory course requiring a minimum of eight hours laboratory work and one hour recitation each week. Laboratory fee, $2.

4.—ORGANIC CHEMISTRY. *Four hours credit.* Each Semester.

Recitations at 3, M. T. W. F. Laboratory hours, 2 to 4, Th.

Prerequisite, course 1. The aim in this course is to give a comprehensive view of the various classes of hydrocarbons and their derivations through the study of some selected types. It is a textbook and lecture course, with a minimum of two hours laboratory work each week. Laboratory fee, $2.

5.—SPECIAL ANALYSIS. *Four hours credit.* Second Semester.

Recitation hours at 9, M. W. Laboratory hours, 2 to 4, T. Th.

Prerequisite, courses 1, 2, 3 and 4. This class will vary in its program. The work will include analysis of water, milk and various food substances. The course may be taken for half a semester with a two-hour credit.

6.—AGRICULTURAL CHEMISTRY. *Three hours credit.*

Each Semester.

Recitations and laboratory work, 4 to 6, M. W. Th.

Prerequisites, courses 1, 2 and 4. The application of chemistry to the study of soils, soil analysis, plant nutrition, and soil fertilization. The general relation of chemistry to various farming operations will be studied.

Physics.

Professor TIDD.

The college has recently removed this department to the third floor of Norton Science Hall and established it in a suite of the following rooms: lecture room, elementary laboratory, advanced laboratory, light laboratory, dark room, department library, and office. A good supply of equipment is furnished for the elementary courses, while recent additions have been made to the apparatus for the advanced courses. A commercial type switchboard has been recently installed, and most excellent facilities are provided for a thorough treatment of such phases of physics as are needed in a normal college.

LABORATORY WORK.—Nearly all the courses require laboratory work. With few exceptions, the experimental work is individual. The hours for this part of the work must be arranged by consultation with the head of the department, and will be made to conform to the student's program.

LABORATORY DEPOSIT.—A deposit of $1 will be required in the following courses: 1, 2, 3, 4, 8 and 9, while $2 will be required

in course 11. This is to cover breakage and material used. The balance will be returned to the student.

1.—MECHANICS OF SOLIDS AND FLUIDS; SOUND.

Four hours credit. Each Semester, and Summer Term. M. T. W. F., at 9; laboratory additional.

This is a course open alone to Freshman, and is stronger than the high-school course. Prerequisites, one year each of algebra and geometry. The subject matter is presented with the view to furnish a practical knowledge of the subject as well as the cultural aspect.

2.—HEAT, LIGHT, MAGNETISM, AND ELECTRICITY.

Four hours credit. Each Semester, and Summer Term. M. T. W. F., at 10:30; laboratory additional.

This course is open alone to those who have taken course 1 or its equivalent. The viewpoint is the same as in the previous course. The applications of heat, light and electricity in the home and the school are studied in an applied way.

3.—ADVANCED MECHANICS OF SOLIDS AND FLUIDS AND HEAT.

Four hours credit. First Semester, and Summer Term. M. W. F., at 8; laboratory additional.

Prerequisites, courses 1 and 2. It is strongly urged that the student have a knowledge of trigonometry before entering this course. The subject matter in the latter part of this course is treated in an applied way, with reference to heating and ventilating systems, the steam engine, the gas engine, etc. The first half of the course is given in the Summer Term.

4.—ADVANCED ELECTRICITY, MAGNETISM, AND LIGHT.

Four hours credit.

Second Semester, and Summer Term.

M. W. F., at 8; laboratory additional.

Prerequisites, same as in course 3. This course treats the subject matter in an applied way, with reference to the usual applications of electricity in the school and home. It deals with light from the optical standpoint and takes up the illumination of school buildings and rooms. A careful study is made of the ordinary optical instruments, the photographic camera, and the stereopticon. The first half of the course is given in the Summer Term.

5.—TEACHING OF HIGH-SCHOOL PHYSICS. *Two hours credit.*

Second Semester, and Summer Term.

T. Th., at 9; M. T. W. F., Summer Term.

This course is open as a methods course to those specializing in this department. It takes up the organization of secondary physics courses, the equipment of laboratories, economical purchase of apparatus and supplies, and a comparative examination of texts and manuals.

6.—THE HISTORY OF PHYSICS. *Two hours credit.*

First Semester.

T. Th., at 9.

Prerequisites, courses 1 and 2. It is a cultural course, giving the relationship of physics teaching to the person-

alities of the great men and women who have developed the science to its present state.

7.—SEMINAR AND CLUB. *Two hours credit.*

Throughout the year.

This is designed for those majoring in this department. An exhaustive study will be made by members of the club of such problems of schools as can best be approached from the standpoint of the physicist, *e. g.*, heating, ventilating and lighting systems of public school buildings, projection in the public schools, etc.

8.—PRIMARY AND SECONDARY BATTERIES AND ELECTROCHEMISTRY. *Four hours credit.*

First Semester, and Summer Term.

M. W. F., at 11:30; laboratory additional.

Prerequisites, course 2 and course 1 of chemistry. This course deals with the theory and practice in the use of electrical batteries, storage batteries, various types of rectifiers, and their application in the lines in which the physics teacher meets with them. It also deals with the most recent developments in the study of electrolysis, ionization, dissociation, etc., and turns the matter toward the practical in the industries. The last half of the course is given in the Summer Term, daily, at 10:30.

9.—ADVANCED D. C. AND A. C. ELECTRICITY.

Six hours credit. Second Semester.

M. T. W. F., at 11:30; laboratory additional.

Four hours of the credit is earned in this course by the study and solution of problems in electricity in all its common applications, and two hours credit in the laboratory work connected with it.

10.—PHYSICS OF COMMON THINGS. *Four hours credit.*

Second Semester, and April-August.

Daily, at 2.

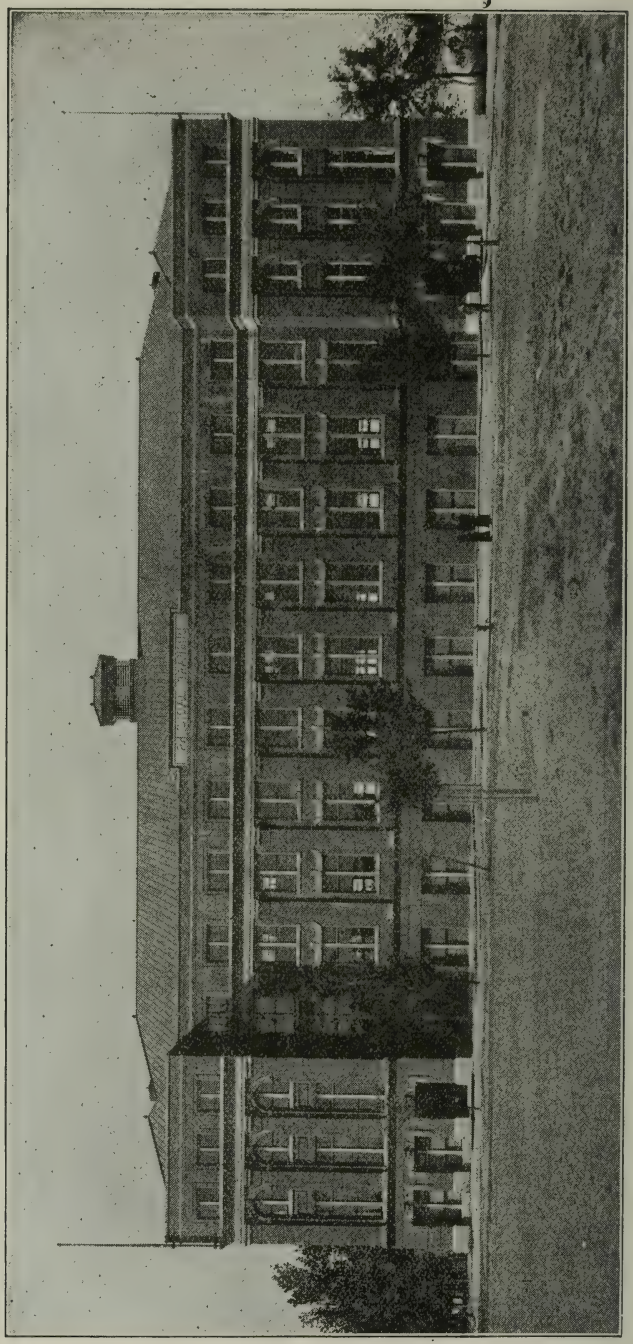
This course is designed alone for those majoring in grade and rural school work. It treats of the common physical phenomena in relation to everyday life, and furnishes abundant illustrative and suggestive material for the public school teacher to make use of in various classes. Required of those preparing for the Special Proficiency Certificates in Rural, Primary, Intermediate, and Grammar Grade Teaching.

11.—LABORATORY TECHNIQUE. *Two hours credit.*

First Semester, and Summer Term.

Lecture Th., at 11:30; laboratory additional.

This is a laboratory and shop course in the making of simple apparatus for the high-school laboratory. Simple lessons are given in the handling of glass—molding, blowing, etc. Instructions will be given in the making of lantern slides, and students will be enabled to make up slides and take with them to their schools. Daily, at 3, Summer Term.



PHYSICAL TRAINING BUILDING.

PHYSICAL TRAINING.

Director, CLAIR K. TURNER.
Coach, GEORGE A. CRISPEN.
Mr. H. J. CAMPBELL.
Mr. IRVEN E. BROWN.
Director, MABEL L. SMITH.
Miss ELEANOR HARRIETT KITCHIN.
Miss BERNICE E. JOHNSON.
Miss MARGUERITE A. CAHILL.

The courses in this department are designed to improve the bodily health and personal efficiency of the students, and to enable them to carry into the schoolroom the knowledge of how to make it a place of normal and symmetrical growth. Work in this department is required of all students, unless regularly excused on account of physical infirmities. In such cases special corrective work can be taken under prescription by the physical directors.

Gymnasium Fee.—A fee of one dollar is made each semester for the use of locker and bathroom, and entitles the student to a clean towel each time the bath is used.

Athletic Fees.—Those who take the work in any of the athletic sections are required to pay the annual fee of two dollars, which entitles the ticket holder to admission to all intercollegiate games on Normal Field under the management of the School for one year from date of payment of fee. For those who are in attendance during the spring and summer term alone, a special fee of one dollar is charged for the above privileges, which entitles the student to a season ticket for one term only. The foregoing regulations as to fees apply to both the men's and women's departments.

Gymnasium Costume for Men.—The regulation gymnasium costume will be worn in the classes, and will consist of a white sleeveless shirt, full length Turner or Y. M. C. A. trousers, and the regulation gymnasium or tennis shoes. The suits may be had of local firms for a maximum price of three dollars. In order that costumes may be uniform, students are advised to make their purchases after arrival.

Gymnasium Costume for Women.—A regulation costume is worn in all the classes. This consists of a black serge gymnasium suit and broad-toed black tennis shoes, sold by local merchants. In order that the suits may be uniform and hygienic, students, on arrival, are advised to report at the Director's office, where the second-hand suits of out-going students will be sold for about four dollars, or where new ones may be ordered for five dollars. Only *regulation* suits will be allowed on the floor.

Theory.

MEN'S AND WOMEN'S DEPARTMENTS.

1.—THEORY OF PHYSICAL EDUCATION AND PLAY.

Four hours credit. First Semester.
M. T. W. Th., at 11:30.

In this course the following subjects are discussed: Laws of growth of the human body; effects of exercise on growth; physiological and psychological effects of exercise; the func-

tions of exercise; the relation of bodily defects to growth; postural habits of pupils; first aid to the injured. Psychology of play, adaptation of play to varying ages, necessity of supervision of play, construction and equipment, organization and daily program; history and literature of the playground movement.

1*a*.—GENERAL THEORY OF PHYSICAL EDUCATION.

Two hours credit. First half Second Semester.
M. T. W. Th., at 11:30.

This course includes the general theory of physical education. The following subjects are discussed: Laws of growth of the human body; effects of exercise on growth; physiological and psychological effects of exercise; the functions of exercise; the relation of bodily defects to growth; postural habits of pupils; first aid to the injured.

15.—PLAY AND PLAYGROUND GAMES. *Two hours credit.*

Second half Second Semester, and Summer Term.
M. T. W. Th., at 11:30.

Psychology of play, adaptation of play to varying ages, necessity of supervision of play, construction and equipment, organization and daily program; history and literatuer of the playground movement.

16.—ANATOMY. *Five hours credit.*

(See Human Anatomy, Department of Physiology and Hygiene.)

17.—PHYSIOLOGY. *Three hours credit.*

(See Department of Physiology and Hygiene.)

18.—APPLIED ANATOMY. *Two hours credit.*

Lectures and demonstrations dealing with joint mechanisms, working forces, and effects of postures and movements.

19.—ANTHROPOMETRY. *One hour credit.*

Includes a study of relationship between different parts of body of the same individual, between different individuals, between an individual and the type to which he belongs. The laws of normal growth are studied. The value of the different measurements and proportions of the body, with instructions and practice in the correct methods of taking and recording them.

20.—FIRST AID TO THE INJURED. *One hour credit.*

(See Department of Physiology and Hygiene.)

21.—PRESCRIPTION OF EXERCISE. *Two hours credit.*

One hour a week. Open to students who wish to specialize in this department. In this course the student not only learns how to make and record the physical examinations, but to detect physical defects and give correct exercises to remedy them.

24.—HISTORY OF PHYSICAL EDUCATION. *Four hours credit.*

An outline study of the periods in physical training. Lectures and assigned readings. A theme prepared upon an assigned topic.

25.—HISTOLOGY. *Two hours credit.*

(See Department of Physiology and Hygiene.)

32.—PSYCHOLOGY OF ADOLESCENCE. *Four hours credit.*

(See Department of Psychology and Philosophy.)

33.—CHILD PSYCHOLOGY. *Two hours credit.*

(See Department of Psychology and Philosophy.)

34.—PHYSIOLOGY OF EXERCISE. *Two hours credit.*

The different types of exercise are studied, with reference to their effects upon growth and organic vigor.

37.—THEORY OF COACHING. *Two hours credit.*

In this course a study is made of the different methods of teaching and coaching the major sports. The student gets a working knowledge and the finer points of football, baseball, basket ball and track athletics. Systematic written outlines are prepared and followed throughout the course. Elective.

Practice.

MEN'S DEPARTMENT.

Required, four hours, or one hour per semester for two years. Three hours' work per week in gymnastics or athletics during one semester equals a one-hour credit. Of this requirement, at least two hours must be in the regular gymnasium class work and one hour must be in some of the athletic sports, leaving one hour elective for more athletics or more gymnastics. The remaining two hours' requirement may be of the type just described, or may be elected from the various athletic sections—football, both the intercollegiate and association or soccer games; basket ball, baseball, and track athletics. Regular attendance is required at these exercises, just as in the regular class work of the gymnasium, and records are kept of attendance and proficiency.

Since the midwinter terms are best for gymnastic work and the fall and spring for athletic sports, the student is advised to take his work in that order.

2.—ELEMENTARY GYMNASTICS. *One-half hour credit.*

Marching tactics, free-hand and light apparatus exercises and gymnastic games. Special attention is given to the correction of faulty posture and carriage of the body.

3.—INTERMEDIATE GYMNASTICS. *One-half hour credit.*

Body-building and corrective exercises, gymnastic dancing steps, heavy apparatus exercises, and elementary tumbling. Prerequisite, course 2.

4.—ADVANCED GYMNASTICS. *One-half hour credit.*

Offered the third and fourth terms to those prepared to take up athletics and folk dancing, individual and companion tumbling, and difficult exercises upon the heavy apparatus. To each member of the class who is able to pass the examination in exercises on the parallel bars, horizontal bar, side horse, flying rings and tumbling mats is given an emblem, consisting of two bars and a diamond made of old gold felt, which is to be worn on the white gymnasium shirt over the left breast. To those of this class who are not able to do the most advanced work but can pass the examination in the more simple exercises, the two bars without the diamond are given. Crowning the emblem is a crescent of the same material, which is given to advanced students who are majoring in physical training and are able to conduct classes through the regular day's order. Students trying for the emblem must wear the regulation gymnasium suit, which must be clean and in good condition. Prerequisites, courses 2 and 3.

5.—METHODS OF TEACHING. *One-half hour credit.*

For Seniors of the Normal College two-year course who are completing their required four hours' work in physical training. Methods of handling classes in tactics, free-hand exercises, nomenclature and progression of exercises on heavy apparatus are taught. May be substituted for course 6.

6.—PRACTICE TEACHING.

The two years' required work in physical training is completed by doing assistant teaching for one term in that part of the work in which the student is most proficient. This practice teaching is done under the direct supervision of the instructor in that department. Prerequisite, course 4, or one season's experience on the first or second team of the sport in which the teaching is done.

7.—ELEMENTARY AND RURAL SCHOOL METHODS I.

One hour credit.

Designed to give the student a working knowledge of playground and indoor games suitable for pupils of elementary and rural schools. Special attention is given to the arrangement of games and the manner of scoring game contests and play festivals. May substitute for one semester of required gymnastics.

7*a*.—ELEMENTARY AND RURAL SCHOOL METHODS II.

One hour credit.

A continuation of course 7, with training in the management and coaching of more highly organized games, group contests and track athletics. May substitute for one semester of required athletics.

8.—FOOTBALL.

Given during second ten weeks only, to men in good physical condition as shown by physical examination. The squad is divided into teams according to ability.

9.—SOCCER FOOTBALL.

Given during second and third ten weeks. Individual and team practice. Valuable both as a vigorous game demanding speed and endurance, and as a preparation for track athletics and basket ball.

10.—BASKET BALL.

Classes are organized each term of the year. The A. A. U. game is taught to elementary classes and the intercollegiate game to the first and second teams.

11.—BASEBALL.

Given during the first, fourth and fifth ten weeks. Individual and team practice. The squad is divided into teams graded according to ability.

12.—TRACK AND FIELD ATHLETICS.

Given during fourth and fifth ten weeks, only to men in good physical condition as shown by physical examination. Cross-country running is given during the third and fourth ten weeks.

13.—TENNIS.

Given during first, second and fifth ten weeks. Tournaments in both singles and doubles are held during first and fifth ten weeks.

14.—SWIMMING.

Elementary and advanced instruction is given during each term of the year.

38.—MAJOR TEACHING I. *One hour credit.*

Students of the four-year college course, making their major work in physical education, under the direction of the instructor of the department in which they work, will have full charge of a practice class in physical training. Prerequisite, the required four hours physical training in the Life Certificate course.

38*a*.—MAJOR TEACHING II. *One hour credit.*

A continuation of course 37, with practice in organizing, coaching and officiating athletic sports for elementary school boys. Prerequisite the same as course 38.

In the practice of indoor and outdoor sports, attention is given to form and technique; adaptability of the individual to the various sports; conditions; rules and methods of scoring; team work and strategy. Teams for intercollegiate competition are maintained in football, basket ball, track athletics and tennis.

The rules governing eligibility for participation in intercollegiate contests are those of the Kansas College Athletic Conference.

WOMEN'S DEPARTMENT.

PURPOSE: The aim of the department is two-fold: First, to bring each student to her best possible physical condition, and by a careful system of gymnastic training to correct faulty posture and carriage, to aid in the formation of habits of hy-

gienic living, to establish a normal condition in the circulatory and respiratory systems, to secure bodily vigor, and to obtain a healthful and symmetrical development, rather than to secure the greatest increase in muscular power. Students are under the care of teachers who have had thorough medical training, and will be given special medical or corrective exercises prescribed according to individual needs as indicated by their physical examinations. In order that the effect upon the muscles may be lasting and best results be obtained, students will not be excused from physical training until the required courses are satisfactorily completed, but the work will always be adapted to the individual needs. Second, to qualify them, as teachers, to intelligently consider the physical needs of their pupils, and to direct in the schoolrooms daily exercises which will prevent or help to correct physical defects; also to teach in their playgrounds athletics, games, and folk dances.

TWO-YEAR COLLEGE COURSE.

Required, four hours. (Three periods of work per week in gymnastics, athletics or other elective work during one semester of twenty weeks equals a one-hour credit.) Of this requirement one hour must be in athletics or other elective work, but the other three hours must be regular gymnasium class work, which consists of marching tactics, free-hand or light-hand apparatus exercises, games or fancy steps. Courses 2, 3, 5 and 6 must be included in this requirement. A semester of gymnastics must be completed satisfactorily before a student may substitute elective work.

2.—ELEMENTARY GYMNASTICS.

Required of all beginners. Three periods a week for ten weeks.

3.—INTERMEDIATE GYMNASTICS.

Required of all students who have completed course 2. Three periods a week for at least twenty weeks.

4.—ADVANCED GYMNASTICS.

Open only to students who have passed course 3 with high grades and are physically adapted to apparatus exercises.

5.—PRACTICAL GYMNASTICS.

Required of all students during their second year of college work. Three periods a week. Special attention is given to gymnastics, games and folk dances, suitable for the schoolroom and playground.

(*a*) During the first ten weeks of this course, students who have a good posture and accurate form in their work may be allowed one period for athletic or æsthetic work.

(*b*) During the last ten weeks the students learn to teach in the corrective classes prescriptions of exercises that may be used to correct common physical defects in children and older girls.

C.—METHODS AND PRACTICE TEACHING.

Required of all students the last semester of their second college year. Courses 2, 3 and 5 and ten weeks of electives are required before the election of this course.

This course is especially designed for those who will teach in rural and graded schools. Special attention is given to playground games, organized sports and athletics, and management and equipment of the playground. A term of teaching in the model school is required.

7.—CORRECTIVE GYMNASTICS.

Open to all students who have completed two terms of Special attention is given to those having spinal curvature, round shoulders, narrow chests, forward heads, weak backs, pronated ankles, or other physical weaknesses.

8.—OUTDOOR SPORTS.

Open to all students who have completed two terms of gymnastics. Three periods a week in the spring and fall terms. In this course are taught a variety of games, including baseball, soccer, playground ball, cross ball, track athletics and relay racing.

9.—SOCCER.

Open to students who have passed twenty weeks of gymnastics. One period a week for the fall term.

10.—BASKET BALL.

Open only to students who are physically qualified and who have passed course 2.

11.—BASEBALL.

One period a week in the spring term.

12.—HOCKEY.

One period a week in the spring and fall terms.

13.—TENNIS.

Open to all students having the privilege of electing athletics. One, two, or three periods a week.

14.—SWIMMING.

One lesson a week is allowed each student.

26.—ÆSTHETIC DANCING (elementary).

Two periods a week. The purpose of this course is to develop grace and freedom of movement. The classic dancing is emphasized, and is now considered one of the most important phases of gymnastic exercise.

27.—FOLK DANCING (elementary).

One period a week. In this course are taught the simple peasant and national dances suitable for recreative and exhibition work with children.

28.—ÆSTHETIC DANCING (intermediate).

Open to all students who have completed course 26.

29.—FOLK DANCING (intermediate).

One period a week. Open to all students who have completed course 27.

30.—FENCING.

One period a week.

35.—INDIAN CLUBS.

One period a week.

36.—CROSS BALL.

One period a week.

SPEECH ARTS.

Professor RITCHIE and Miss MEDDERS.

Expression verifies and completes impression. The speech arts are the means of expression most universally used. Power in speech is an evidence of the normal development of the individual human being. Power in public speech is an essential element in the maintenance of liberty. Eloquence and liberty go hand in hand. "Eloquence," says Emerson, "is the power of putting one's thoughts into language intelligible to the hearer." Effective expression through the speech arts is assured only through the utilization of all one's powers.

MAJOR:

The selection of the courses constituting a major in this department is made in consultation between the student and the head of the department. Experience, aptitude and professional plans are taken into consideration.

It is advised that consideration of the question of the major be begun as early as the second semester of the Freshman year.

Questions of choice of courses adapted for preparation for One- or Three-year Certificates or for the Life Diploma should be settled after consultation with the head of the department.

Professor Ritchie offers courses 6, 7, 8, 9, 10, 11, 12, 13; Miss Medders, 1, 2, 3, 4, 5, 14, 15, 16, 17, 18, 19.

1.—STORY TELLING AND EXTEMPORANEOUS SPEAKING.

Four hours credit. Each Semester, and Summer Term. M. T. W. F., at 11:30.

Story Telling.—A practical rendering of myths, fables, allegories, old ballads, folk lore, stories, etc., brings the student into such contact with these primary literary forms as will awaken a consciousness of form in his own expression, and will stimulate his imagination, feeling and creative power.

Extemporaneous Speaking.—Students are encouraged to talk on subjects in which they are interested, or about which they have been reading. After-dinner speeches, toasts, jokes, and all kinds of discussions are practiced, with the view of developing the power to think on the feet, and of leading the student to "find himself," to become conscious of his limitations, his powers, his possibilities.

2.—READING. *Three hours credit.* Each Semester.

M. W. F., at 10:30.

The purpose of this course is to be thoroughly educational. It awakens the student to an appreciation of what is best and noblest in literature and life. Literature is studied by oral interpretation. There is much practice in the reading of prose, and in narrative, lyric, dramatic and epic poetry.

3.—SPECIAL METHODS IN READING. *Two hours credit.*

Each half Second Semester, and Summer Term.

M. T. W. F., at 9.

The work in methods of teaching reading is based upon psychological principles. A study is made of the kinds of reading; nature of oral reading; function in education. Adaptation of the principles of reading to the problems of the different grades. Practice work in teaching is required of each student.

4.—ELOCUTION. *Two hours credit.* First Semester.

T. Th., at 10:30.

The method of developing the voice and body is both technical and psychical. Voice training is divided into two steps: (*a*) the securing of right tone production; (*b*) the improvement of speech.

Body training. Study of the different agents of bodily expression. Function of each. Study of the language values of the actions of the body.

5.—LYRIC POETRY. *Two hours credit.* Summer Term.

M. T. W. F., at 10:30.

Nature of lyrics. Importance of interpreting lyrics through the voice. Effect upon the voice. Reading and recitation of the best examples.

6.—VOCABULARY. *Two hours credit.* Each Semester.

T. Th., at 8; one-half of the course in Summer Term, M. T. W. Th., at 8.

In this course is begun a study of the sources and growth of the English language. A brief survey is made of the inflowing streams of words and the race modifications which have contributed to make our language. The student partially completes a classification of his vocabulary, examining each word with reference to its expressional value as he has used it, and comparing those values with the meanings indicated in the language of the best writers and speakers. This makes possible an intelligent and systematic increase in the vocabulary.

7.—RHETORIC, ORAL. *Three hours credit.*

Each Semester, and Summer Term.

M. W. F., at 10:30; a course with two hours credit in Summer Term, M. T. W. Th., at 10:30.

Oral discourse has a rhetoric of its own. This course deals with the principles and laws of composition as they operate in speech. Preparation and presentation are shaped for their effect upon the hearer. Form is valued

only as an auxiliary to force; grace and beauty, only as conducing to acceptability of the message. Recommended for Freshman year.

8.—ORATORY. *Two hours credit.* Second Semester.

T. Th., at 10:30.

At other periods on request of sufficient number.

In this course three things receive especial attention. First, an examination is made of the function of oratory in the development and maintenance of society. Second, the fundamental principles of the oration are discovered and exemplified. Third, the importance of keeping in mind the effect upon the hearer is emphasized. One oration is required. Oral Rhetoric is a prerequisite.

9.—ARGUMENTATION, BEGINNING. *Three hours credit.*

Each Semester, and Summer Term.

M. W. F., at 9; a course with two hours credit in Summer Term, M. T. W. F., at 9.

A good text is followed in a study of the principles of argument. Great argumentative speeches are analyzed. The chief attention is given to analysis, proof and briefing. The principles involved are put into practice. Propositions of current interest are debated.

10.—ARGUMENTATION, ADVANCED. *Two hours credit.*

Each Semester.

T. Th., at 9.

A review of analysis and proof. Continuation of briefing. A more extended study of fallacies and refutation. The work of the courts is observed. Full briefs of one or more propositions required. Class debates are held. Prerequisite, courses 5 and 7 or an equivalent.

11-12.—DEBATING.

Classes for practice in debating are formed as occasion demands. Credit is given according to work performed. It is strongly urged that students join a debating club and participate actively in its work.

NOTE.—Debate teams representing the School are chosen from students who have taken or are taking these courses.

13.—PARLIAMENTARY LAW. *Two hours credit.*

Each half Second Semester, and Summer Term.

M. T. W. F., at 11:30.

Manuals of parliamentary law are used, and their respective merits are indicated. Familiarity with parliamentary procedure is secured in actual practice. Skill in guiding a deliberative assembly is acquired through experience in presiding. Opportunities for practice in extemporaneous speaking are afforded in connection with this work.

14.—SCHOOL ENTERTAINMENT. *Two hours credit.*

First Semester.
T. Th., at 2.

Prerequisite, course 1. This course is especially arranged to meet the needs of teachers who are interested in training declamation contestants; in preparing programs for literaries and public-school holidays; and in staging high-school plays.

15.—STORY TELLING (ADVANCED). *Two hours credit.*

Second Semester.
T. Th., at 10:30.

Informal recitals, affording practical platform experience, will be given the first Wednesday in each month. Dramatic and epic narration. The needs of each student will be studied, and such stories will be assigned to him as will best awaken his dramatic instinct, quicken his imagination, and unfold his personality. Prerequisite, course 1.

16.—DRAMATIC INTERPRETATION. *One hour credit.*

First Semester.
Th., at 9.

Shakespeare and Browning. Opportunities will be offered the student to secure a practical knowledge of comedy, tragedy and the monologue. Thorough training will be given in the reading of lines, in interpreting character, and in the principles of stage business. Students who show marked ability in this course will be recommended to membership in the Dramatic Club.

17.—DRAMATIC REHEARSAL. *Three hours credit.*

Second Semester.
M. W. F., at 10:30.

Prerequisite, course 16. Dramatic applicants will be examined and classified according to needs and experience. The work done in this course will be with a view of public presentation on the stage.

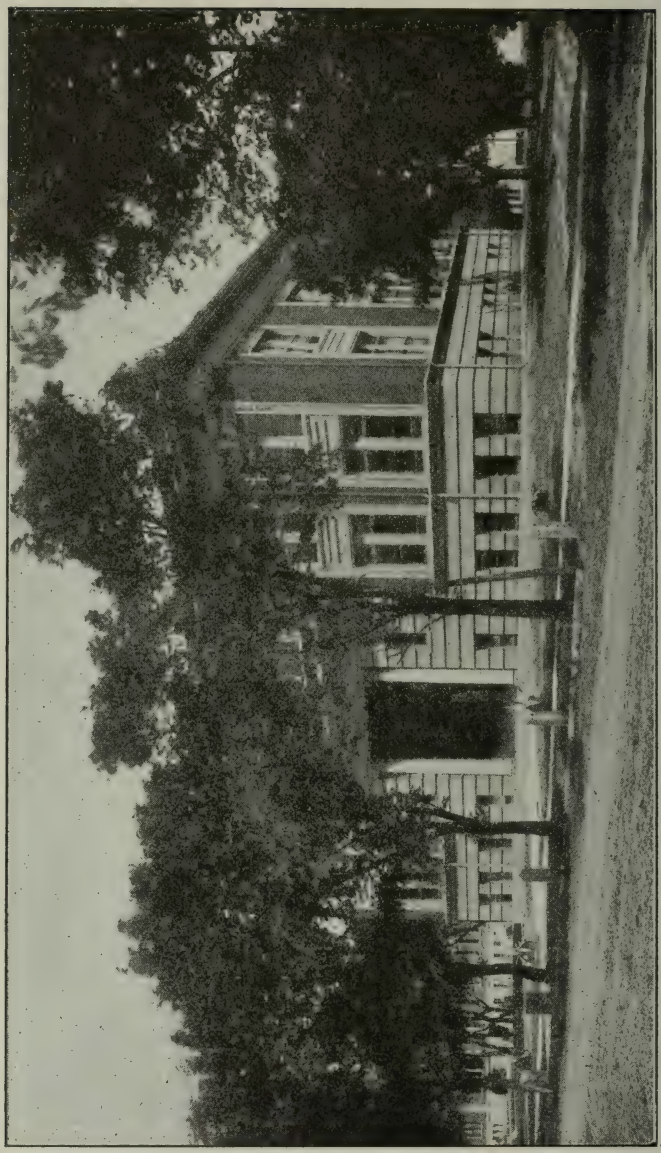
18.—PLATFORM ART. *One hour credit.* Each Semester.

Th., at 11:30.

Students enrolling in this course will receive individual attention. Advanced work in the vocal interpretation of literature and in platform art will be given. The abridging and rendering of masterpieces of fiction. The giving of monologues and dramatic impersonations. Selections will be especially prepared with a view to presentation on platform. Prerequisite, courses 1, 2, 4, 5, 15, 16.

19.—VOCAL INTERPRETATION OF THE BIBLE. *One hour credit.*

Each Semester, and Summer Term.
Th., at 3; Summer Term, M. W., at 8.



NORTON SCIENCE HALL.

THE SECONDARY SCHOOL.

(125)

The Secondary School.

Faculty.

JOSEPH H. HILL, President of the State Normal School.
THOMAS W. BUTCHER, President-elect of the State Normal School.
JOHN H. GLOTFELTER, Vice President of the State Normal School.
J. R. JEWELL, Principal of the Secondary School.
FRANK U. G. AGRELIUS, Instructor in Botany.
JANE K. ATWOOD, Instructor in Geography and Geology.
F. L. BLACK, Instructor in Latin.
C. H. BELTING, Instructor in Agriculture.
MILDRED BOOMHOWER, Instructor in Music.
D. HORTENSE BROOKOVER, Instructor in German.
LAUREL N. CAMPBELL, Instructor in German and French.
HARRY J. CAMPBELL, Instructor in Physical Training.
MARY GRACE HOLMES, Instructor in English.
CLARA L. HUGHES, Instructor in Mathematics.
W. H. KELLER, Instructor in Mathematics.
ELENOR H. KITCKEN, Instructor in Physical Training.
CELIA I. MANNING, Instructor in Commerce.
MAUDE E. MINROW, Instructor in History.
KATHERINE MORRISON, Instructor in Drawing.
CHAS. R. PHIPPS, Instructor in Agriculture.
MARY E. PORTER, Instructor in English.
CARL W. SALSER, Instructor in Government and History.
ANNA E. SNYDER, Instructor in English.
CATHERINE E. STROUSE, Instructor in Music.
C. L. TOWNSEND, Instructor in Commerce.
CLAIR K. TURNER, Instructor in Physical Training.
W. A. VAN VORIS, Instructor in Science.
CHAS. A. WAGNER, Instructor in Mathematics.

REGISTRATION AND ENROLLMENT.

Graduates of the common schools, eighth-grade graduates, and students who have finished a part of their high-school work are admitted to the Secondary School.

Students in any of the classes named will present themselves to Dr. J. R. Jewell, Principal of the Secondary School, room 13

in the North Annex, who with a committee of Secondary School instructors will direct them in the selection of work. A county diploma or student's report should be offered as evidence of the completion of the work of the eighth grade. Those who have done one or more years of high-school work and wish to enter the Secondary School of the State Normal School should send the Registrar a transcript of their work certified to by the principal of the high school the student attended. Blanks for this purpose may be had of the Registrar.

Registration days are designated in the school calendar, printed on an earlier page of this catalogue. Students should register on these days and enter upon the work of their classes the opening day.

GRADUATION.

To receive the diploma of the Secondary School pupils must have completed sixteen units of work, ten units of which are required and six are elective. A unit is a semester's work in one of four subjects, in a class reciting five times per week. This is the basis upon which credit in the Secondary School is determined.

The required work includes three units of English, one of algebra, one of geometry, one of botany or agriculture, one of physics or chemistry, one of history, one-half of hygiene physiology, one-half of civics, and one selected from the list of arts, found in group 6, page 134. One-half unit only in physical training, one-half unit in chorus singing, and one unit in instrumental music may be counted toward graduation. Many courses require more than one semester for completion of credit toward graduation, and these must be taken until the completion of the course indicated by a star in the course of study.

SOCIAL PRIVILEGES.

In the administration of the Secondary School it is recognized that the period of adolescence is the time for acquiring many things not to be found in any formal curriculum, especially the freedom, tact and charm necessary to a pleasant and successful performance of whatever part the student may choose to play in later life. Moreover, such a large proportion of the student body are preparing to teach, and so to go into communities where they will be expected to lead in the organization of social activities, that much care is given here to see that social advantages are provided in sufficient quantity, and at the same time that they are safeguarded. Numerous social groups have been formed for the pursuit of such lines of investigation, mental recreation or drill as the members composing the groups desired, each student being left to choose for himself the group with which he desired to work.

During the past year the Dramatic Club has given several plays, the New Era Club has fostered the idea of excellence in literary work, the Rhodean Society has increased many fold the efficiency as public speakers of those young men most interested in public questions, the Reading Club has spent delightful evenings with now one author and now another, while those who like music have found a channel for the expression of their tastes in one or more of the three choruses open to Secondary students. A somewhat detailed account of the social organizations of the Secondary School follows:

THE RHODEAN SOCIETY.

The aim of the Rhodean Society is to give opportunity for practice in debating and drill in the application of parliamentary usage. Only boys are admitted to this society, and the number of members is limited to thirty. The work has been so satisfactory that the membership is kept recruited to its maximum limit. Each boy upon leaving school becomes an honorary member, and his place as an active member is immediately filled by another. The boys themselves conduct the work of this organization, under the guidance of two members of the Faculty, who are present at every meeting to give counsel and helpful criticism.

THE C. S. CLUB.

One of the great needs of men and women to-day is to possess the ability to meet people with courtesy, grace and composure. In order that definite work along this line may be accomplished a group of young men in the Secondary School have organized the C. S. Club. The purpose of this club is to study social forms and usages and to train its members to meet society in the best possible manner. It recognizes that culture and refinement are necessary to success in the business world, and its aim is to fit its members to meet any ordinary social situation. The club was organized in November of 1913, and has thirty members. It meets each Wednesday evening to discuss social situations and problems. It has adopted a code of rules and regulations, and its members try to live up to all of them. An occasional demonstration of the work done is given by means of a party for the friends of the members.

READING CLUB.

The Principal of the Secondary Club conducts a Reading Club, which meets informally each Saturday evening. It is especially for the girls of the School, and was organized to give them something to occupy the time used by practically all the boys at the meeting of the Upper Room. There are no officers, nor is there any membership list, but all the girls who care to meet for an hour Saturday evening in the lecture room of Kellogg Library, to listen to some choice bit of good literature, may do so. Much of the time is given to the better fiction of the day, with now and then an evening spent on a book of essays or travel. The purpose is not so much to read any good book through as it is to give the hearers a taste here and there of the best authors, in the belief that where one finds his taste delighted he will afterward find wholesome food. Among the authors read from during the past year are John Muir, J. M. Barrie, William Allen White, Mary Shipman Andrews, Edna Ferber, Jeffrey Farnol, Francis Dwyer, Kenneth Grahame, and Eugene Field.

NEW ERA LITERARY SOCIETY.

During the fall of 1912 a group of the young women of the Secondary School organized the New Era Literary Society for the purpose of giving them a wider opportunity for parliamentary drill and public speaking than is afforded by the exercises of the classroom. The society meets twice a month, on Wednesday evenings, to discuss and debate topics of the day.

It is occupying the field usually occupied by college literary societies.

GIRLS' DRAMATIC CLUB.

This organization responds to the growing interest in amateur dramatics among girls of high-school age. The club meets the girls' need of real fun of play, and a girl here educates herself, through the development of initiative and originality, to provide her own fun. This club has also a definite relation to the English work of the high school. The members are assigned to groups for the presentation of short plays. One of the number is stage manager. The work of staging the play and of acting the parts is largely dependent upon the girls' initiative. Their director is a member of the Faculty who has had long experience with school work of this nature.

During the past year the girls have staged such plays as "A Sketch from Little Women," "The Tea-party in Cranford," and "Comedy of Errors." One of the most delightful evenings was furnished by the presentation of the Oxfordshire St. George play, "A Christmas Mumming." The climax of the year's work is the presentation of a school pageant, or spring festival. The members of the club are the leaders of the dramatic episode. This school pageant includes all the girls of the Secondary School and combines the work of the Art, Music, Physical Training and English departments of the School.

TEACHERS' EXAMINATION COURSES.

Preparation for Teachers' Examination Courses for students who wish to prepare for the several county examinations are offered. The examinations are held at the State Normal School June 20-21, June 27-28, July 25-26, October 24-25, January 30-31, 1914.

Manuscripts are sent to the county desired by the applicant.

COURSE OF STUDY.

Studies in CAPITAL LETTERS (pp. 132, 133) are prescribed in all courses, and must be taken in the order given. Studies in small letters are elective. The study is placed in the earliest semester in which it may be chosen without special permission. Pupils in any later semester may select any study of an earlier one.

No studies shown require less than one semester for completion, and, once under way, may not be dropped before the end of the semester *without the express consent of the principal.*

If a study requires more than one-half year for its completion *it can not be discontinued without the consent of the principal* until the completion of the term marked with a star.

All pupils must take either botany or agriculture in the first year of the course, and later either European or American history. During the Senior year either physics or chemistry is required. One unit must be taken from the arts, found in group 6, page 134.

Pupils are not permitted to take less than two subjects nor more than four, except by permission, and are never allowed to continue their work after failing in two subjects in any one term unless there be recommendation to the contrary from the principal and all the teachers involved.

Elementary geology and illustrative geography are each half-

time subjects, and for each one-fourth unit of credit is given. One-half unit credit only in physical training, one-half unit in chorus singing, and one unit in instrumental music may be counted toward graduation.

It will be noticed that only ten units are specifically required, leaving the pupil free to elect some chosen major throughout his course, and still have left two units free for the election of courses at large. In the Normal Training course which leads to a state certificte, there is an opportunity for four units of election.

Students of exceptional attainments or maturity, especially those who have had considerable experience in teaching in the common schools of the state, will be admitted into rapidly moving classes, upon the recommendation of their teachers, whenever their ability seems to warrant it. Special classes will be organized from time to time allowing individuals to cover various subjects as rapidly as they are able to do so. In every case the entire work planned for the semester will be gone over thoroughly, and credit for the entire semester's work will be given and recorded whenever the course in question is satisfactorily completed. This will operate to allow exceptional students to complete the entire course in considerably less time than four years.

More and more frequently do county superintendents and the officers of progressive rural-school districts call on the State Normal School for teachers who are well prepared to teach a country school. There are to-day in Kansas rural teachers drawing $100 a month, and more could have been placed had there been a sufficient supply of teachers who could teach efficiently agriculture, two or three lines of hand work, and music, as well as the conventional studies of the ordinary curriculum. Hundreds of students are coming to spend the seven or eight months of the school year teaching a rural school at a much better salary than is paid in town schools, and then do a full semester's work in the Normal School from April on through the Summer Term, thus completing their course as quickly as one who teaches and attends school on alternate years, and saving more money in the meantime.

Because of these conditions, the Faculty of the Secondary School has prepared a course fitting one to qualify as a rural teacher of unusual excellence. In working for the One-year State Certificate, those students who desire this course will elect out of Group I any three units; out of Group II, one unit of Algebra, one of Geometry, ane one-half of Arithmetic; out of Group III, Agriculture two units, Physics of Common Things one unit, Geography one unit, and Hygienic Physiology one-half unit; out of Group IV, History one unit, Civics one-half unit; out of Group V, Rural School Management one-half unit, and Psychology one-half unit; out of Group VI, Public School Music one-half unit, and two units selected from Manual Training one unit, Domestic Science one unit, and Drawing and Hand Work one unit. This makes a total of fifteen units, and leaves one unit for free election.

The student who elects this work will be given a One-year State Certificate, and at the same time a special recommendation for Rural Teaching, signed by the Principal of the Secondary School and by the Professor of Rural Administration.

GENERAL COURSE OF STUDY.

FIRST YEAR.

First Semester.	*Second Semester.*
Grammar.	Narration.
BOTANY I, *or* AGRICULTURE I.	BOTANY II, *or* AGRICULTURE II.
Arithmetic.	ALGEBRA I.
Elementary Latin.	Elementary Latin.*
Elementary German.	Elementary German.*
Elementary French.	Elementary French.*
Bookkeeping.	Business Practice.
Penmanship.	Advanced Writing.
Drawing *and* Designing.	Drawing* *and* Designing.
Plain Sewing *and* Foods.	Plain Sewing* *and* Foods.
Reading.	Expression.
Elementary Gymnastics.	Intermediate Gymnastics.
Music I.	Intermediate Music.
Drawing I.	Advanced Drawing.

SECOND YEAR.

First Semester.	*Second Semester.*
EXPOSITION.	ARGUMENTATION.
PHYSIOLOGY.	CIVICS.
ALGEBRA II.	GEOMETRY I.
Cæsar.	Cæsar.*
Conversation *and* Composition.	Conversation *and* Composition.*
Advanced Bookkeeping.	Stenography I.
Typewriting I.	Typewriting II.
Woodworking.	Woodworking.*
Dressmaking *and* Serving.	Dressmaking* *and* Serving.
Parliamentary Law.	GEOGRAPHY.
Advanced Gymnastics.	
Advanced Music *or* Chorus.	
Water Color.	Blackboard Illustration.
Ancient History.	Modern History* *or* English History.*

THIRD YEAR.

First Semester.	*Second Semester.*
ENGLISH LITERATURE.	AMERICAN LITERATURE.*
GEOMETRY II.*	Solid Geometry.
Cicero.	Cicero.*
Conversation *and* Reading.	Schiller.*
Stenography II.*	Dictation.
Joinery.	Cabinet Making.*
Textiles, *and* The Home.	Textiles *and* The Home.*
Elementary Geology.	
American History.	American History.*

FOURTH YEAR.

First Semester.	*Second Semester.*
PHYSICS I *or* CHEMISTRY I.	PHYSICS II* *or* CHEMISTRY II.
Advanced Algebra.	Trigonometry.
Virgil.	Virgil.*
Lessing.	Goethe.*
Speed Practice.	
Wood Carving.	Commercial Law.
Tailoring, *and* Millinery, *and* Nursing.	Wood Carving.*
Psychology.	Tailoring, *and* Millinery, *and* Nursing.*
School Administration.	

ONE-YEAR STATE CERTIFICATE COURSE.

Since the greater part of the student body in the Kansas State Normal Secondary School are preparing themselves to teach, and usually do teach for a period between their secondary-school work and their college work, the course leading to the One-year State Certificate is given a place by itself. Sixteen units are required.

GROUP 1.—ENGLISH.

Offered:

English, 4 units.
Oral English, 1 unit.

Required: Three units.

GROUP 2.—MATHEMATICS.

Offered:

Algebra, 1½ units.
Geometry, 1½ units.
Arithmetic, 1 unit.
Bokkeeping, ½ unit.

Required: Two and one-half units, one-half unit being arithmetic, or bookkeeping.

GROUP 3.—NATURAL SCIENCE.

Offered:

Botany, 1 unit.
Physics, 1 unit.
Agriculture, 2 units.
Geography, 2 units.
Physiology, ½ unit.

Required: Three units, one-half unit being geography, and one-half unit physiology.

GROUP 4.—HISTORY AND CIVICS.

Offered:

American history, 2 units.
European history, 1½ units.
Civics, ½ unit.

Required: One and one-half units, one-half unit being civics.

GROUP 5.—PROFESSIONAL SUBJECTS.

Offered:

Methods and management, ½ unit.
Psychology, ½ unit.
Required: One unit.

GROUP 6.—ARTS.

Offered:

Drawing, 2 units.
Music, 1½ units.
Physical training, ½ unit.
Manual training, 4 units.
Domestic science or domestic art, 4 units.
Penmanship, 1 unit.
Required: One unit.

ELECTIVE.

Offered:

4 units.
Required: Four units.

Note that only one-half unit of chorus singing or of physical training may be counted toward graduation.

Outlines of Instruction.

No Secondary School course will be given unless registered for by eighteen students.

Agriculture.

In the high-school agriculture plant and animal life are always studied from the economic point of view. Such fields as fruit growing and market gardening are studied profitably. Well-organized facts concerning the fertility of our soils are taught, and the pupil comes to realize that the future of Kansas and of the nation depends upon the efforts of the individual farmer in building up the productivity of his soil. In general, high-school agriculture opens up a field for fruitful thought along these lines, and whenever any one has reached such a mental condition, due to his education, he has been made a better citizen and a more capable teacher.

FARM CROPS (AGRONOMY). *One-half unit credit.*

Each Semester, and Summer Term.

This course includes a study of the grain crops, hay and fodder crops, root and tuber crops, fiber crops and legumes. There is also a detailed consideration of insects and obnoxious weeds, with methods of control. This is a practical course in the study of agronomy.

FARM ANIMALS (ANIMAL HUSBANDRY). *One-half unit credit.*

Each Semester, and Summer Term.

A course including a study of types and breeds of farm animals, feeding, live-stock judging, dairying and its relations to Kansas problems of soil fertility.

FARM MANAGEMENT. *One-half unit credit.*

Each Semester, and Summer Term.

Room 19M.

This course includes crop rotations, plant and animal breeding, the common diseases of animals and their treatment, farm machinery, farm buildings, and the keeping of records and accounts. This is a practical course for the teacher who expects either to do high-school work or to make a specialty of rural school teaching. Required of those expecting special recommendation for teaching in rural schools. Prerequisites, Agriculture I and II. Deposit, 50 cents.

HORTICULTURE AND FORESTRY. *One-half unit credit.*

Each Semester.

Room 19M.

This is a new course, but will be required of those who expect recommendations either for special fitness for rural-school

teaching, or to teach agriculture in a high school. It covers a new phase in secondary education in Kansas, as elsewhere, and includes fruit growing, market gardening and trucking, marketing of produce, care of orchards and small fruit farms, sprays and spraying, and practical forestry for Kansas.

Students taking this course will be furnished vacant lots, plants and seeds, spraying outfits, hoes, rakes etc., if desired. The student may choose his own plants, and follow any phase of gardening or trucking he desires, provided it be consented to by Mr. Phipps. Part of the class time will be spent in care of the lot, and the grade given in the course will be largely determined by the merit of the work done and the results shown. The produce will be marketed coöperatively, and the net profit returned to the student.

SCHOOL GARDENING. *One-eighth unit credit.*

Second Semester, and Summer Term.

The topics studied are, the improvement of rural and city schoolgrounds, school gardens, and the planting of ornamental shrubs and trees.

Botany.

ELEMENTARY BOTANY I. *One-half unit credit.*

Each Semester, and Summer Term.

The following topics will be considered: The study of the lower plants, with especial emphasis on the nature and work of the important bacteria and fungi; the study of the higher plants, including seeds and seedlings; the general structure and work of plants—their roots, stems and leaves, with the varieties and signification of these. Text, Bergen and Caldwell, Practical Botany.

ELEMENTARY BOTANY II. *One-half unit credit.*

Each Semester, and Summer Term.

The previous course will be continued, taking up plant products and industries connected with them, especially those of local interest; a consideration of some of the leading families, their uses, characteristics, and distribution; plant breeding, regional distribution, and its economic application. This study will include field and laboratory work, illustrated lectures, class discussions and recitations. No credit is given for either of these courses unless accompanied by the other one. Text, Bergen and Caldwell, Practical Botany.

Chemistry.

CHEMISTRY I. *One-half unit credit.*

Each Semester, and Summer Term.

A study of the principles and laws of the science, with something of its history. The course will include a detailed study of the most typical nonmetalic elements and of some of the more useful metals. It will also cover an introduction to the study of some of the simpler and more familiar organic compounds. The student becomes familiar with such laboratory methods of filtration, evaporation, precipitation, neutrali-

zation, distillation and weighing as will give him facility in analysis in the work of the second semester. Text, Olson's Pure Foods. Laboratory fee, $1.

CHEMISTRY II. *One-half unit credit.* Each Semester.

Practical analysis is continued throughout the semester. The work includes both qualitative and quantitative analysis of such familiar things as tea, coffee, baking powder, vinegar, fruit juices, water, milk, foods—including tests for adulteration, preservatives, artificial colors and flavors. The chemistry of dyeing and stains receives attention. The more common remedies and patent medicines are examined. The course is elastic enough to allow it to be adapted to the needs of the class and the interest of the individual student. Text, Allyn's Elementary Applied Chemistry. Laboratory fee, $2.

Commerce.

BOOKKEEPING.

ELEMENTARY BOOKKEEPING. *One-half unit credit.*

Each Semester, and Summer Term.

Daily, at 3.

Principles of debit and credit, use of journal, daybook and ledger, forms of opening and closing accounts, trial balances, and statements. Simple business practice.

BOOKKEEPING AND BUSINESS PRACTICE. *One-half unit credit.*

Each Semester, and Summer Term.

Prerequisite, Elementary Bookkeeping. Business forms are employed and school currency is used. The student receives invoices, checks, drafts, letters, sends telegrams, makes deposits in the bank, writes checks, discounts notes, gives receipts, issues notes, draws and accepts drafts, etc. He learns the use of the cash book, sales book, invoice book, and bill book, and makes detailed business and financial statements.

ADVANCED BOOKKEEPING. *One-half unit credit.* First Semester.

Exercises in single entry and changing from single to double entry. Use of loose-leaf books and card ledgers.

SPECIALIZED BOOKKEEPING. *One-half unit credit.*

Second Semester.

Modern labor-saving forms of keeping accounts in a large business. Specialized forms of ledgers and special-column books. Comprehensive forms of statements to show the condition and progress of the business.

PENMANSHIP.

ELEMENTARY PENMANSHIP. *One-half unit credit.*

Each Semester, and Summer Term.

No prerequisite. Study of correct position. Muscular movement and its advantages. Mastery of movement and control of the arm by means of various exercises. Development and analysis of both capitals and small letters.

ADVANCED PLAIN WRITING. *One-half unit credit.*

Each Semester.

Prerequisite, Elementary Penmanship. Working for speed and beauty. Letter writing and business forms. Blackboard writing.

COMMERCIAL LAW.

COMMERCIAL LAW. *One-half unit credit.* Second Semester.

It is the aim of this course to present clearly the more important points of business law that are likely to arise in everyday affairs. The leading principles of contract law, illustrated by references to court decisions, are studied, and their application to matters of practical business is shown. Practice is given in drawing up forms of legal papers in common use. Open to Seniors.

TYPEWRITING.

Careful study of the machine. Instruction as to care, mechanism, and possibilities. The touch system is used exclusively. Proper fingering is insisted upon. A light, rapid, smooth and even touch is acquired as early as possible. Accuracy is the first object, though speed should come as the result of practice. Neatness is emphasized. Arrangement of work and tabulations receive special attention. To be able to write without error, and at the same time smoothly and rapidly, any kind of miscellaneous matter or business document, is the end and aim of typewriting, and this object is held before the student throughout the course.

TYPEWRITING I. *One-half unit credit.*

First Semester, and Summer Term.

Mastery of the keyboard. Practice on words, easy sentences, and simple business letters.

TYPEWRITING II. *One-half unit credit.* Second Semester.

Business letters, common legal forms, and tabular exercises. Careful attention to arrangement, spelling, and punctuation of dictated matter.

TYPEWRITING III. *One-fourth unit credit.* First Semester.

Speed practice, study of manifolding and carbon work, and use of graphophone and typewriter. Dictated matter of some difficulty. Alternate days, first semester, with stenography.

STENOGRAPHY.

Cultivation of the ear in distinguishing sounds, and habits of close attention, are requisites for the successful study of stenography. Accuracy, quick perception and rapid thinking are cultivated from the beginning. Each principle receives careful drill. In transcribing connected matter, the spelling, paragraphing and arrangement must be absolutely correct. Dictation includes letters, common legal and business forms, selections from standard literature, and tabulations. Emphasis is laid on reading shorthand notes and transcriptions. The Benn Pitman system is used.

STENOGRAPHY I. *One-half unit credit.*
Each Semester, and Summer Term.
Completion of first half of the text.

STENOGRAPHY II. *One-half unit credit.* Each Semester.
Completion of text, and practice in reading shorthand.

STENOGRAPHY III. *One-half unit credit.* First Semester.
Miscellaneous dictation, and reading of shorthand notes.

STENOGRAPHY IV. *One-half unit credit.* Second Semester.
Speed practice, graphophone work, and dictation.

STENOGRAPHY V. *One-fourth unit credit.* First Semester.
Dictation in writing and transcribing. Alternate days with typewriting 3.

Domestic Art.

Two years' work each is given to the art and the science of home making. The work in each extends through the full four years' secondary course. Classes in these subjects meet daily for recitation and laboratory work, between 2 and 4 P. M., the work of the two courses alternating. That is to say, a Domestic Art class will meet Monday, Wednesday and Friday of one week and Tuesday and Thursday of the following week; a class in Domestic Science meeting on the days between. Some preparation is required outside of class. Each course named gives a one-half unit credit, but must be carried through a full year.

PLAIN SEWING. *One-half unit credit.*
Offered on alternate days throughout the year, at 2.
Straight-line pattern drafting, plain sewing by hand and machine. Underwear. Deposit, 50 cents.

DRESSMAKING. *One-half unit credit.*
Offered on alternate days throughout the year, at 2.
Designing of dresses in color and style, pattern drafting, dressmaking with wash materials.

TEXTILES. *One-half unit credit.*
Offered on alternate days throughout the year, at 2.
Production and consumption of materials, hand sewing, designing and art needlework.

TAILORING AND MILLINERY. *One-half unit credit.*
Offered on alternate days throughout the year, at 2.
Worsted materials, designing, tailoring, and millinery.

Domestic Science.

FOODS. *One-half unit credit.*
Offered on alternate days throughout the year, at 2.
Household physics, food principles, the application of heat to foods, food selection and preparation. Laboratory fee, $2.

SERVING. *One-half unit credit.*

Offered on alternate days throughout the year, at 2.

Economic problems concerning foods and their service. Cooking and serving. Laboratory fee, $4.

THE HOME. *One-half unit credit.*

Offered on alternate days throughout the year, at 2.

Household bacteriology, sanitation and decoration.

MANAGEMENT AND HOME NURSING. *One-half unit credit.*

Offered on alternate days throughout the year, at 2.

Household conveniences, home nursing, invalid cookery and dietetics. Laboratory fee, $2.

LABORATORY FEES.

Pupils purchase their own thermometers and laboratory guides. Girls intending to take work in household science should come equipped with proper clothing for it. Only laundered waists are permitted in the laboratory. A girl should have at least one white shirt-waist suit and at least two white princess aprons, two 18-inch-square hand towels, two white holders, 6 x 8 inches, and two pairs of perfectly plain white half-sleeves.

SHORT COURSE.

A special course of a year's duration is offered to students who are looking forward to rural-school teaching, and who are perfecting themselves with that end in view alone, planning to take the special recommendation of proficiency in rural teaching, signed by the principal and the professor of Rural School Administration. The work of the year includes four heads, each of which is studied for ten consecutive weeks, and always in the following order: Foods, sewing, general household efficiency, and methods for rural teaching. If undertaken at all, the entire year's work must be completed.

FOODS AND SEWING. *One-half unit credit.*

Offered First Semester, the second half of the Second Semester, and each half is offered during the Summer Term.

This course corresponds somewhat to course 10 as outlined in the college work of this department. It deals very concisely with food principles, their sources, their use in the body, their treatment under the influence of heat and in combination. It also deals with the food value of the foods prepared and with their proper serving. The course in sewing, offered during the second half of each semester and during the Summer Term, deals with the general principles of hand sewing and garment finishing, straight-line pattern drafting, plain garment making, machine work, and some study of good lines and color. Laboratory fee, $3.

HOUSEHOLD EFFICIENCY AND METHODS FOR RURAL TEACHING. *One-half unit credit.*

Offered Second Semester, and Summer Term.

Under the head of Household Efficiency are studied household conditions as affecting the health and comfort of the family and community, furnishings of the home, step saving, household appliances, accounts, and a general study of the

household in its relation to the family and the housewife. The course in Methods for Rural Teaching deals with the special problems met with by the rural teacher—methods of the presentation of household art subjects to the rural community, club work among girls and housewives, equipment possible in a single schoolroom, and what may be taught with equipments costing $1, or $5, or $10, respectively. Lesson plans for rural schools and rural-school lunch problems are discussed.

Drawing.

The courses of art education in the Secondary School aim to familiarize the student with fundamental art principles, so that he may apply them to the problems of everyday life, likewise to create in him a love for the beauties of nature and an appreciation of all art forms.

ELEMENTARY FREE-HAND DRAWING I. *One-half unit credit.*

Each Semester, and Summer Term.

This course requires five hours a week for one semester, with one hour in the afternoon for preparation and study. It consists of free-hand drawing in outline from models—forms of pottery, books, boxes, plants, trees, buildings, etc. The materials used are, pencil, charcoal, colored crayons, white and tinted papers, blackboard. Silhouette drawings of flowers, trees, animals, and the human figure in action are made with brush and India ink. This course includes simple problems in design, as surface patterns and borders applied to wall papers, book covers, rugs, etc.; also, a working knowledge of perspective principles, both free-hand and mechanical.

ELEMENTARY FREE-HAND DRAWING II. *One-half unit.*

Each Semester, and Summer Term.

Prerequisite, free-hand drawing. This course requires five hours a week for one semester, with one hour in the afternoon for preparation and study. It consists of principles of perspective as applied to the drawing of objects in values (light and shade) with charcoal and pencil on white and tinted paper, also on blackboard with chalk and charcoal. Further study of design, including color harmonies; also decorative treatment of letters of the alphabet, landscape and plant forms.

ELEMENTARY WATER COLOR. *One-half unit.* Each Semester.

This course will require Elementary Free-hand Drawing I and II as prerequisites. There will be a daily study and criticism of painting with water colors from still-life models and plant forms. Some attention is given to landscape painting.

BLACKBOARD ILLUSTRATION AND PRIMARY HAND WORK.

One-half unit. Each Semester, and Summer Term.

Elementary Free-hand Drawing I is a prerequisite for this course. There will be four recitations per week, while an hour a day is required for study. It consists of practice in blackboard illustration, using chalk, charcoal and colored crayons. Attention will also be paid to primary water color, design weaving, modeling, paper cutting, and other practical hand work for use in the lower grades.

English.

The aim of the English course is twofold: First, upon the completion of the course the student is expected to be able, both in oral speech and in writing, to express his own thoughts and feelings with a fair degree of accuracy; second, it is hoped that he will have learned to read and to enjoy good literature. The study of literature and practice in composition are continued side by side during the three years of required work, considerably more time being given to developing the powers of thought and expression than to dwelling overmuch on appreciation of literary gems of the past. A large share of attention is paid to oral composition, primarily for its own sake, rather than because of its important relation at times to the written work required.

The three years of required work is divided into six courses of twenty weeks each. One day a week throughout the entire three years is given to outside reading and is designated "Library day." Fourteen weeks each in the second, third and fourth semesters are devoted to composition work, and six weeks given to the study of classics. Throughout the course the composition work is based on The New Composition-Rhetoric, by Scott and Denney. One unit of the required work in English may be taken in strictly oral work, the choice of the courses to be made in consultation with some member of the English Department.

ENGLISH I.—GRAMMAR AND COMPOSITION. *One-half unit credit.*

Each Semester, and Summer Term.

The work of this course is divided into two sections: the one, for those intending soon to teach in the rural schools, in which is given a thorough knowledge of the fundamentals of grammar and composition, together with methods and suggestions as to the presentation of this work to beginners; the other to give a thorough drill in the mechanics of English, consisting of exercises in oral and written composition. Special attention is here given to the use of capitals and punctuation marks, and to the selection and use of the correct word and phrase. The aim is to get the pupil to express himself freely and accurately. Text, Scott & Southworth's Lessons in English, Book II.

ENGLISH II.—NARRATION AND DESCRIPTION.

One-half unit credit. Each Semester, and Summer Term.

Throughout this course the emphasis is placed on oral and written composition, the aim being to produce freedom and spontaneity of expression. Much time is given to the reading and discussing of themes in the classroom, and the student is called to frequent consultations upon his written work. The structure of the sentence receives special attention, and no student is allowed credit for the course who is unable to speak or write a clear, forceful sentence.

The student derives his inspiration for his work in composition from his own experience rather than from books, the aim of the work in literature being always to create and stimulate an enthusiasm for reading. The work in narration is illustrated by such models as Warner's How I Killed a Bear, the stories of Seaton Thompson, and by the short stories of several American writers. A study of Stevenson's Kidnapped closes the course.

ENGLISH III.—EXPOSITION. *One-half unit credit.*

Each Semester, and Summer Term.

This course presupposes a knowledge of sentence structure and of the paragraph as a unit. In the composition work of this semester emphasis is largely placed on oral or written explanations of anything in which the pupil himself is much interested. Paragraph development is then stressed by studying models and writing original paragraphs. Probably the most important part of the work is the study of the whole theme. There is a close study of the gathering of material, the making of outlines, and writing from outlines.

Illustrative material is taken largely from current magazines and modern essays. A large number of copies of *The Technical World, The Popular Science Monthly,* and of the Boston series of pamphlets on Vocational Training have been secured as material for the pupils during this semester. They are shown how the most virile writing of to-day is being converted into channels of trade publications and the like, and are taught modern English rather than balanced or periodic sentences. Library day is now taken up with such work as that just described.

ENGLISH IV.—ARGUMENTATION. *One-half unit credit.*

Each Semester, and Summer Term.

Training is here provided in the organization and effective presentation of debate and of written argument. The preliminary work consists of the practice in oral composition necessary to debate and of the study of the principles of argumentation. Illustrative material is found in arguments which commonly arise in the affairs of men and in arguments from the newspapers of the day. The work is based on Scott and Denney's Composition-Rhetoric, which after the first few weeks is used for reference only.

The student then becomes a participant in a debate upon the points at issue between England and her colonies during the Revolution. Burke's Speech on Conciliation, in its proper historical setting, is studied as a part of this great debate. The pupil is led to the discovery of the source of Burke's strength in debate, that he may profit by his discovery in the application of the principles to his own debate.

Each student is assigned, as a member of a debating team, to a subject of interest in the public affairs of his day. Several speeches of public men of the present are studied in comparison with Burke's speech. In the preparation of his debate, each pupil is trained in the use of the reference library, in a system of note taking, of organization, and in effective presentation. The course culminates in the formal debate and the presentation of a written argument. Emphasis in the course is always on the side of efficiency on the part of the student in writing or in speaking so that others are convinced and persuaded to action.

ENGLISH V.—ENGLISH LITERATURE. *One-half unit credit.*

Each Semester, and Summer Term.

Long's English Literature is used as a guide in studying the literature of the English people from the time of the Anglo-Saxons to the Age of Romanticism. Many selections illustrating the literature of the different periods will be studied in class, and many assignments to the individual

pupil will be made of books on which he is to report to the class. Little attention is given to chronology and philology, the writings of the authors receiving the major part of the time. This, like the succeeding course, is primarily a reading course.

ENGLISH VI.—AMERICAN LITERATURE. *One-half unit credit.*

Each Semester, and Summer Term.

Here, as in the preceding course, the textbook is used merely as the basis for class readings. Wherever possible attention is drawn to worthy contemporary works. The pupil is encouraged to browse in the literature of modern art, journalism, music, etc., the central idea being to show as far as possible the resources of American culture, and to develop pride, curiosity, and some discrimination in the literature of our own nation. Text, Matthews' Introduction to American Literature.

PUBLIC SPEAKING. *One-half unit credit.*

Each Semester, and Summer Term.

This course is designed to meet the needs of two classes of students: those who wish further opportunity for development in public speaking than that offered by the course in argumentation and debate, and those who find exceptional difficulty in expressing themselves in oral composition. The course affords training in the art and manner of speaking. Preparation for speaking is made through training in selection of material, in organization of material, and in study of the various means of development. The aim is to develop a consciousness of the structure of the oral sentence and of unity in discourse.

WORD STUDY. *One-half unit credit.* Each Semester.

This course is planned for students who have not studied Latin, or who feel the need of a fine and discriminating vocabulary, and yet feel they can not give four years to the study of the Latin tongue. It provides for the training of a student in the means of building his own vocabulary. Two great sources of English words are recognized, Anglo-Saxon and Latin. There is involved a survey of the history of the English language and a study of English words in their origin, their formation and effective use.

Geography.

PHYSIOGRAPHY. *One-half unit credit.*

Each Semester, and Summer Term.

A study of land forms and of the atmosphere, of the agencies that have affected the earth's features or that are now changing them. Attention is always given to geographic influences upon life and upon history. The laboratory work consists of the study of topographic maps, visits to the museum, and field trips. Text, R. D. Salisbury's Briefer Course in Physiography.

POLITICAL GEOGRAPHY. *One-half unit credit.*

First Semester, and Summer Term.

Prerequisite, physiography. A general course in common-

school geography, made more intensive than is ever possible in the grades. This course is a study of the most important countries of the world. Emphasis is laid on the physical basis for the development of the agriculture of any nation, and a knowledge of natural resources as a basis for industrial development. Text, Tarr and McMurray's Complete Geography. Many special references are given.

COMMERCIAL. *One-half unit credit.*

Second Semester, and Summer Term.

A study of the world's chief commercial commodities and the factors influencing their production, distribution and development. Text, Robinson's Commercial Geography.

ILLUSTRATIVE. *One-fourth unit credit.* Second Semester.

T. Th.

Chalk modeling of maps and of types of relief figures. This course is offered in response to a demand from those who desire greater success in their own teaching of geography.

REGIONAL. *One-half unit credit.* First Semester.

Prerequisite, physiography, political geography, or commercial geography.

The physiographic features of the continent, the natural resources, and the influence of the physiography upon the history and development of the people. Upon request of a sufficient number a class in the regional study of either North America or Europe will be organized.

ELEMENTARY GEOLOGY. *One-fourth unit credit.* Second Semester.

M. W.

Prerequisite, physiography. This course deals with the forces and processes which have shaped the earth from the earliest periods up to the present.

Government and Economics.

A practical and, as far as possible, a first-hand acquaintance with the actual working of our government in its local, state and national phases is the aim of this work. It is felt that the student can begin to study most intelligently that form of government which he sees in daily manifestation close at hand. As a consequence he begins with the township and city. A study of their government acquaints him with many things connected with the state government. This, in turn, gives him a basis which enables him to interpret what he finds in the national government. The fact that our government is constantly changing is kept before the classes in this work, by careful attention to newspapers and magazines in their discussions of various problems and how they are being dealt with by the various departments of our government.

GOVERNMENT. *One-half unit credit.*

Each Semester, and Summer Term.

The work begins with a short study of township government in connection with conditions in rural communities. City government is then taken up; some of the problems of cities are studied in connection with visits to the city offices. This is

followed by a more extended study of the county government. Here again the classes visit the offices they are studying. The remainder of the term is devoted to the state government. The second term of the semester takes up the historical development of the constitution of the United States, followed by a study of the legislative, executive and judicial departments of the national government. By careful division into legislative, executive and judicial groups, the members of each class are given a better insight into the actual processes of legislation and administration.

COMMUNITY CIVICS. *One-half unit credit.*

Second Semester, and Summer Term.

Elective. This course may be substituted for course 1. The feeling that merely studying the constitution does not help much to make good citizens has long been growing. One test of the value of a subject in the high-school curriculum is how it functions in the life of the students. The State Normal Secondary School was probably the first in the state to offer this work in community civics. Most earnest efforts are made to have the student see the importance of local regulations and his relation and responsibility in connection with them. He lives his life in a community; he should know what it demands of him and what he should expect from it.

The work of this course consists of a study of local affairs. It is conducted by personal visits and investigations. In every possible way the members of the class are given an opportunity to see how local community and governmental affairs are actually carried on. The court room, the city and county offices, the streets and roads, the waterworks, etc., are the laboratories for this work. Local government, *i. e.*, township, city and county, receives most careful consideration. The state and national governments come in for attention near the close of the semester in the group work described above in course 1. Special problems, such as franchises, municipal ownership, health regulation and immigration, are studied by the debate method. The aim of the course is to turn out citizens who will have an active interest in the affairs of the communities into which they may go.

ECONOMICS, INTRODUCTORY COURSE. *One-half unit credit.*

Each Semester.

A study of industrial history, business organization and principles, and current economic problems. Industrial history is used to show how present industry came to be what it is, and to get the light of historical development thrown upon present business and its problems. A preliminary study of current economic problems is one of the best means of general culture, and is the best preparation possible for the understanding of the problems on which wise suffrage and the best citizenship depends. It is also the basis of knowledge for debating and literary work. The study will be made thoroughly practical by using the material at hand, studying business as it appears on the farm and in the sort of towns most of the students know.

American History.

COLONIAL AND REVOLUTIONARY. *One-half unit credit.*

Each Semester, and Summer Term.

The founding of the republic, 1492-1817. The most important discoveries and explorations, with the European conditions leading up to them, are considered extensively. Virginia and Massachusetts are studied thoroughly as types, the other colonies only in their contributions to later movements and institutions. Both the Revolutionary War and the War of 1812 are studied from the standpoint of cause and effect. Particular emphasis is placed on the social and political development of the colonies and states during this period. Text, Muzzy's American History.

THE NATIONAL PERIOD. *One-half unit credit.*

Each Semester, and Summer Term.

This course covers the period from 1817 to the present time, and deals with the development of national policies, with the struggle between national and state interests, and with the social and political problems leading to the Civil War. Emphasis is laid on the cause, result and principal events of this war. Reconstruction and its problems are studied from the standpoints of both the North and the South, and students are sometimes referred to the text in American history officially approved by the Confederate Veterans' Association, that they may see how the men of the South looked at national policies during the days of struggle and now. The major part of the last half of the course is devoted to events of recent years, as Spanish-American War, colonial possessions and their problems, civil service, immigration, Panama canal, trusts, and changes in political parties. Text, Muzzy's American History.

EUROPEAN MOVEMENTS INFLUENCING AMERICAN HISTORY.

One-half unit credit. Each Semester.

The object of this course is to familiarize students, who can not devote full time to European history, with some of the main conditions, facts, social, political and religious movements and problems which have a direct bearing upon American history; Renaissance, commerce in the East; European explorations and colonizations; England's policy toward the colonies and the United States after their independence; France and Spain in their relations to America, and important present-day problems. Special attention is given to the lives of men and women who have been leaders in these movements.

CURRENT EVENTS. *One-half unit credit.*

Each Semester, and Summer Term.

The department has found this course essential to students of high-school age. These students often have only textbook knowledge and care little for reading of the conditions and problems of the present time. This course gives them an opportunity to become interested in topics of general knowledge and culture. The course is based upon articles in the leading newspapers and periodicals, and is not confined exclusively to historical subjects but to all items of general information.

The latter two courses are especially planned for advanced students, and may be substituted for the first two by teachers of maturity working for high-school credit.

European History.

ANCIENT HISTORY. *One-half unit credit.*

First Semester, and Summer Term.

This course offers a careful elementary treatment of men and events from the time of the earliest authentic records through the rise and fall of Egyptian, Babylonian, Assyrian, Persian, Athenian, Macedonian and Roman supremacy and up to the time of Charlemagne in Western Europe. The development and significance of Christianity is given special attention.

MEDIÆVAL AND MODERN HISTORY. *One-half unit credit.*

Second Semester, and Summer Term.

This course deals with the nationalization of France, England, Spain, Holland, Germany and Italy; with the Holy Roman Empire; with the rise of the Papacy, the Renaissance and the Reformation. The industrial and political revolutions come in for considerable attention; and here again the church developments and difficulties are carefully studied in a way suitable to this grade of work.

ENGLISH HISTORY. *One-half unit credit.* First Semester.

This course completes the survey of European development. It will serve as a review of Continental history and as a preparation for American history. Its chief interest is found in its constitutional aspect. Self-government, the ideas of representation and of local control, the fundamental practices and principles of English constitutional government, not only express the true national life and character of the English people but serve to explain the political institutions of the United States and give an appreciation of what America means.

Latin.

The study of Latin is a continued study of our mother tongue. Aside from being basal to the English language, it affords the best possible preparation and introduction to the study of any other modern language, as French, German or Spanish. No better means of training the mind in correct processes of reasoning or of reaching careful and accurate conclusions can be secured than through the proper study of Latin. Like mathematics, it is fundamental in the processes of learning. Every grammar-school teacher should have a knowledge of this subject as an unfailing aid in the correct understanding and teaching of word analysis and English grammar. Every prospective high-school teacher should study Latin for its general broadening, educative value. Every superintendent, moreover, should at least be acquainted with high-school Latin, in order that he may have at first hand the requisite knowledge for the most intelligent arrangement and direction of his courses of study.

In the following courses the needs of prospective teachers in the upper grades and in high school are kept constantly in view.

The work is vitalized by correlation with English, history and literature. The use of pictures, models and lantern views enlivens the routine of the classroom. One unit is the minimum to be counted for graduation, or a certificate.

BEGINNING LATIN I. *One-half unit credit.*

Each Semester, and Summer Term.

Half of Whittemore's Beginner's Latin Book, the state text, is completed in the semester. Courses I and II aim to secure a mastery of the elements of Latin form, declension, conjugation, comparison, and the fundamental rules of Latin syntax, together with the acquisition of an adequate vocabulary for the reading of short continuous passages. A class in course I will be offered the last half of the second semester when a sufficient number of students request it.

BEGINNING LATIN II. *One-half unit credit.*

Each Semester, and Summer Term.

Whittemore's Beginner's Latin Book completed. Especial attention is given to the subjunctive. Class work is supplemented by Bennett's Grammar.

CÆSAR I. *One-half unit credit.*

Each Semester, and Summer Term.

Prerequisite, courses I and II. Introduction to extended translation. Books I and II. A thorough drill in syntax, with the stress placed upon the use of cases. Walker's Cæsar; Bennett's Latin Grammar; Bennett's Latin Writer, lessons 1 to 21. Study of military campaigns.

CÆSAR II. *One-half unit credit.*

Each Semester, and Summer Term.

Books III and IV. Study of campaigns. Bennett's Latin Writer, lessons 21 to 44. Sight assignments. Syntactical study emphasizes the various uses of the subjunctive.

CICERO I. *One-half unit credit.*

Each Semester, and Summer Term.

Bennett's or D'Ooge's text. Four orations against Catiline. Bennett's composition. Special attention given to the style of the orator. Outlines of the orations. Study of conditional sentences. Prerequisite, two years of Latin.

CICERO II. *One-half unit credit.* Each Semester.

Manilian Law, Marcellus, and Archias. D'Ooge's composition and original exercises in prose. Study of magistracies, senate and assemblies.

VIRGIL I. *One-half unit credit.*

Each Semester, and Summer Term.

Bennett's text. Translation of books I to III, inclusive. Mastery of the dactylic hexameter. Supplementary mythology. During this and course eight papers of a research nature or notebook work will be required, at the discretion of the instructor.

VIRGIL II. *One-half unit credit.* Each Semester.

Translation of books IV to VI, inclusive. Supplementary mythology. The author's place in literature. The Æneid as a whole.

Manual Training.

Major courses in Manual Training may be arranged for pupils wishing to prepare especially to teach this work. Those expecting to become candidates for the Manual Training Certificate, in addition to the regular certificate, should be prepared in free-hand drawing in addition to the required manual training courses, and should do at least one term of their practice teaching in manual training. Every opportunity will be offered to pupils to aid them in preparing as thoroughly as the time will permit for teaching this subject. Candidates for certificates of special proficiency, or those majoring in agriculture, physics or mathematics may elect such work as will be best suited for their needs, but in all cases the order of sequence should be followed except where conditions make a different order permissible or advisable. Additional courses will be organized as the demand may call for them, to meet the requirements of students.

ELEMENTARY MECHANICAL DRAWING. *One-half unit credit.*

First Semester, and Summer Term.

Half of the course given in the Summer Term.

A course in the elements of mechanical drawing, including exercises in the use of instruments, geometric constructions, free-hand lettering, orthographic projection of simple solids at various single angles, and the application of orthographic projection in making working drawings, tracings and blue prints.

ADVANCED MECHANICAL DRAWING. *One-half unit credit.*

Second Semester, and Summer Term.

Half of the course given in the Summer Term.

A continuation of the above course, giving practice in orthographic projection of more complicated objects, and in double angles; surface developments, sections, isometric and cabinet projections, shadows, and some application of the principles of practical drafting.

ELEMENTARY WOODWORK. *One-half unit credit.*

First Semester, and Summer Term.

Half of the course given in the Summer Term.

A course in wood construction suited to the intermediate and lower grammar grades. Work with tools at the bench will be required. Simple models selected to illustrate and give practice in the use of the common woodworking tools will be made.

ADVANCED WOODWORKING. *One-half unit credit.*

Second Semester, and Summer Term.

Half of the course given in the Summer Term.

A continuation of the above course, dealing with models appropriate for the grammar grades. Work requiring greater skill in the use of tools will be selected, and students will be expected to plan and execute several original or adapted models, in addition to those in an assigned course.

JOINERY. *One-half unit credit.*

First Semester, and Summer Term.

Half of the course given in the Summer Term.

A course beginning with a series of joint exercises illustrating the common joints in wood construction and continuing into the application of some of these in appropriate models.

CABINETMAKING. *One-half unit credit.*

Second Semester, and Summer Term.

Half of the course given in the Summer Term.

A course in advanced woodworking, dealing with models requiring more accurate use of the tools. Some attention will be given to the lines and decorations, with the methods of securing pleasing effects through wood combinations, inlaying and simple carvings.

WOOD TURNING. *One-half unit credit.*

First Semester, and Summer Term.

Half of the course given in the Summer Term.

A beginning course in wood turning, with instructions on the care and uses of the lathe; practice in the sharpening of the usual turning tools—chisels, gouges, parting tools, etc. The students will be required to make a series of exercises between centers on the lathe, beginning with the cylinder, through progressive modifications, showing the characteristic uses of the tools; followed by the turning of several useful pieces for further practice in the uses of the lathe.

ADVANCED WOOD TURNING. *One-half unit credit.*

Second Semester, and Summer Term.

Half of the course given in the Summer Term.

A continuation of the above course, giving further study to the lathe and its uses, including problems in hollow turning, faceplate and chuck work as illustrated in the making of rosettes, boxes, goblets, etc.

PRIMARY HANDWORK. *One-fourth unit credit.*

Second half Second Semester, and Summer Term.

A course offered for pupils wishing to prepare to teach handwork in the lower grades in connection with their regular grade work. This course deals with projects requiring materials suited to the first to fifth grades. Work in paper and cardboard construction, clay, reeds, raffia, weaving, etc., will be given, together with some problems in thin wood and coping saw construction.

Mathematics.

REVIEW ARITHMETIC. *One-half unit credit.*

Each Semester, and Summer Term.

The emphasis in this course is upon mechanical skill in the fundamental operations and ability to apply them in the ordinary problems of arithmetic. Drill in the fundamental operations with integers and fractions, common factors and multiples, and square root. The tables of denominate numbers, including the metric system. The fundamentals of mensuration, *i. e.*, area of a square, of a rectangle, paral-

lelogram, triangle, trapezoid, and circle; volume of rectangular solid, pyramid, prism, cylinder, cone, sphere. Pythagorean proposition and its applications. Problems in analysis and simple proportion, and general applications to concrete problems. Percentage and its general applications. Business applications of percentage, interest, commercial discount, bank discount, commission, taxes, insurance, stocks and bonds. Longitude and time.

BEGINNING ALGEBRA I. *One-half unit credit.*

Each Semester, and Summer Term.

The motion of general number developed through formulas, *e. g.*, i.=p.rtt, d(distance)=rt, etc. Positive and negative numbers, their sum and their difference. Exponents and their laws. The four fundamental operations. Linear equations in one variable. Applications. Special types of products and quotients. Factoring. The solution of equations by factoring.

BEGINNING ELEMENTARY ALGEBRA II. *One-half unit credit.*

Each Semester, and Summer Term.

Prerequisite, Beginning Algebra I. Common factors and multiples, thus giving a review of factoring. Fractions. Fractional equations. System of linear equations. Graphs. Square root of expressions and arithmetic numbers. Surds. Simplifying the types.

$$\sqrt{a^2 b}, \quad \sqrt{\frac{a}{b}} \quad \text{and} \quad \frac{c}{\sqrt{a} \pm \sqrt{b}}.$$

The simple facts of imaginary numbers necessary to the quadratic equation. Quadratics solved by the three methods, and applications. Ratio, proportion and variation.

PLANE GEOMETRY I. *One-half unit credit.*

Each Semester, and Summer Term.

Text, Wentworth-Smith Plane and Solid Geometry. This course should cover the material given in the text to the exercises at the close of book II.

PLANE GEOMETRY II. *One-half unit credit.*

Each Semester, and Summer Term.

Special attention is given in this course to training in methods of attacking exercises and in exercises in mensuration. Prerequisites, algebra and plane geometry I.

ADVANCED ARITHMETIC. *One-half unit credit.* Each Semester.

Prerequisite, algebra and geometry. This course is not a review of elementary arithmetic, but presents the reasons underlying the fundamental processes and gives a somewhat comprehensive grasp of number laws and their applications. The fundamental notion of number and the measuring process. The fundamental processes, including square and cube root, explained, and also their connection with our system of notation. The relations between factors and product, and dividend, divisor and quotient; also tests for divisibility and checks by casting out nines explained. The processes with fractions, both common and decimal, made rational as applied to quantities. A general treatment of analysis and proportion. Percentage and its application. Business applications. Mensuration of surfaces and solids. Longitude and time. The arithmetical and geometric series.

Modern Languages.

Language study belongs to the Secondary School rather than to the College, because it calls to a great extent for memory and imitation. The pupil will save time in the end by devoting as early a period of his school life as possible to language study, and by leaving the sciences to a relatively later period. The drill in accuracy, observation and analysis required in language work will be a strong aid in later work in science.

The study of a foreign language has one or more of three main values: disciplinary, cultural, and practical. To give a sentence correctly in a foreign language requires accuracy and rapidity of thought, close observation, and careful analysis of both foreign and native language, for each word must be correct in itself and have the proper place in relation to other words in the sentence.

FRENCH.

French is an elective subject throughout the course, and four units of it will be offered, organized along the lines of the German courses which follow, as the demand for them arises.

GERMAN.

Aside from the cultural and disciplinary value which the study of any language possesses, the practical side of German is easily apparent. The ability to express one's self in a foreign tongue is a power, and our courses are planned to give the students such power. In commercial life, the salesman is enabled to understand the habits and thoughts of the buyer. For one traveling in Germany the ability to speak the language of the country saves time and money and doubles the pleasure of the trip.

Besides classroom work, a German play will be given annually. The students always find this well worth while, on account of the careful drill in pronunciation and the feeling gained that the language is real and alive. A German club will meet once a week to give the pupils in the department a social hour together, such as the German people themselves enjoy at their coffee hour.

ELEMENTARY GERMAN I. *One-half unit credit.*

Each Semester, and Summer Term.

Bagster-Collin's First Book in German, to lesson 13. Spanhoofd's Erstes Lesebuch.

ELEMENTARY GERMAN II. *One-half unit credit.* Each Semester.

Bagster-Collin's First Book in German, lessons 13 to 27. Müller und Wenckebach's Glück Auf. The central idea of this work in the first year of German is to introduce the pupils to a foreign language in the easiest and most natural way, *i. e.*, by speaking and hearing it. The composition work will consist mostly of simple original sentences, gradually working into complex sentences.

CONVERSATION AND COMPOSITION I. *One-half unit credit.*

Each Semester.

Bagster-Collin's First Book in German completed. Volkmann's Kleine Geschicten, and Stern's Geschicten vom Rhein.

CONVERSATION AND COMPOSITION II. *One-half unit credit.*

Each Semester.

Storm's Immensee, and Wildenbruch's Das edle Blut. The conversation and composition will be based on the reading, the object being to teach the students to get the contents without translation. The paragraph will be developed during this year in both conversation and composition. As a test of thoroughness of the work idiomatic English translations will be called for as needed.

CONVERSATION AND READING. *One-half unit credit.*

First Semester.

Fulda's Unter vier Augen, Riehl's Der Fluch der Schönheit, Bacon's Im Vaterland.

SCHILLER. *One-half unit credit.* Second Semester.

The first half of the year will contain a summary of the elements of German grammar, worked out in conversation and composition. Im Vaterland will be used for conversation only, and is valuable as a means of bringing the student in close contact with everyday life in Germany. The second half year will be a study of Tell as a German classic.

LESSING. *One-half unit credit.* First Semester.

Lessing's Minna von Barnhelm, Keller's Bilder aus der deutschen Literatur, and Pope's German Composition.

GOETHE. *One-half unit credit.* Second Semester.

Goethe's Hermann und Dorothea, Keller's Bilder aus der deutschen Literatur, and Pope's German Composition. This course is to take the student more deeply into the classical literature and to help him get the authors and their productions in their proper settings. Descriptive and narrative essays will be required in composition.

Music.

ELEMENTARY MUSIC. *One-half unit credit.*

Each Semester, and Summer Term.

This course introduces all the essential rudiments, and aims at ability to read music in the treble clef, accurately, at sight.

INTERMEDIATE MUSIC. *One-half unit credit.*

Each Semester, and Summer Term.

Elementary music, or its equivalent, required for admittance. This course introduces more difficult music, bass clef, and four-part singing.

ADVANCED MUSIC. *One-fourth unit credit.* Each Semester.

T. Th. Prerequisites, elementary and intermediate music.

This is a four-part chorus for the study of selections from opera and oratorio, and well-known art and folk songs.

GIRLS' CHORUS. *One-fourth unit credit.*

Each Semester, and Summer Term.

T. Th. Prerequisites, elementary and intermediate music.

Rehearsals twice a week for twenty weeks, including drill on four-part choruses for girls' voices and production of an operetta or cantata.

MEN'S CHORUS. *One-fourth unit credit.*

Each Semester, and Summer Term.

T. Th.

Rehearsals twice a week for twenty weeks for the study of four-part choruses for men's voices.

HIGH-SCHOOL CHORUS. Each Semester.

W. F.

There are two sections of this chorus, one for men and one for women. These choruses meet during the half-hour occupied by college chapel twice a week, and one-fourth unit credit is given each year for attendance and satisfactory work. Only one-half unit of credit for chorus singing may be counted toward graduation, however. There is no prerequisite for this course, the aim of which is to enable the student to become acquainted with some good music.

Private instruction in voice and piano may be obtained upon application to heads of respective departments. Rates, $13.50 to $18 per term of eighteen lessons, for which one-fourth unit of credit is granted.

Physical Training.

Gymnasium Fee.—A small charge of one dollar is made each semester for the use of locker and bathroom, and entitles the student to a clean towel each time the bath is used.

Athletic Fee.—Those who take the work in any of the athletic sections are required to pay the annual fee of two dollars, which entitles the ticket holder to admission to all intercollegiate games on Normal Field under the management of the School for one year from date of payment of fee. For those who are in attendance during the spring and summer term alone, a special fee of one dollar is charged for the above privileges, which entitles the student to a season ticket for one term only. The foregoing regulations as to fees apply to both the men's and women's departments.

Gymnasium Costume for Men.—The regulation gymnasium costume will be worn in the classes, and will consist of a white sleeveless shirt, full length Turner or Y. M. C. A. trousers, and the regulation gymnasium or tennis shoes. The suits may be had

of local firms for a maximum price of three dollars. In order that costumes may be uniform, students are advised to make their purchases after arrival.

Gymnasium Costume for Women.—A regulation costume is worn in all the classes. This consists of a black serge gymnasium suit, and broad-toed tennis shoes. In order that the suits may be uniform and hygienic, students, on arrival, are advised to report at the Director's office, where second-hand suits of outgoing students will be sold for about four dollars, or where new ones may be ordered for five dollars.

FOR MEN.

The student in the Secondary School of the Kansas State Normal has an ideal opportunity for education in physical training. He has access to one of the finest gymnasiums in the state. In this building, with its patent running track, four basket-ball floors, two apparatus floors, wrestling, fencing and boxing rooms and swimming pool, are eight fully trained instructors, two of whom have special charge of the work for the Secondary School.

Adjoining the gymnasium is the best athletic field in the state, with a cinder quarter-mile track and a two-hundred and twenty yard straightaway, a football field, four baseball diamonds, and nine tennis courts. One section of this field is set aside for the use of the girls, and is equipped for playground ball, cross ball, soccer and other courts for outdoor sports.

The students of the Secondary School have their own athletic association, and put out teams in all the major sports. These teams have the advantage of professional instruction by college coaches and are generally successful. Last year the association adopted as their honor letter a six-inch block "N" which is given to men who distinguish themselves in athletics.

The requirement of all pupils is three hours a week for four semesters. The credit given for this will count as half a unit toward graduation.

As the work in physical training varies with the season, the semester is divided into two terms of ten weeks each. Work must begin upon entering school, and the student is required to complete it during the first two years of his course unless he is excused by the Physical Director, in which case he must make up the work before graduation. Of the required work, two terms each year must be in class gymnastics. The student may elect the terms in which he makes his gymnastic requirement. During the other two terms he may elect work in any athletic sport that is offered. As the midwinter terms are best for gymnastic work and the fall and spring for athletic sports, the student is advised to take his work in that order.

Students in rapidly moving classes must do two years' work in physical training, or if in school less than two years must do work while in residence, to graduate.

2.—ELEMENTARY GYMNASTICS.

Marching tactics, free-hand and light apparatus exercises and gymnastic games. Special attention is given to the correction of faulty posture and carriage of the body.

3.—INTERMEDIATE GYMNASTICS.

Body-building and corrective exercises, gymnastic dancing steps, heavy apparatus exercises, and elementary tumbling.

4.—ADVANCED GYMNASTICS.

Offered the third and fourth terms to those prepared to take up athletics and folk dancing, individual and companion tumbling, and difficult exercises upon the heavy apparatus. To each member of the class who is able to pass the examination in exercises on the parallel bars, horizontal bar, side horse, flying rings and tumbling mats is given an emblem, consisting of two bars and a diamond made of old gold felt, which is to be worn on the white gymnasium shirt over the left breast. To those of this class who are not able to do the most advanced work but can pass the examination in the more simple exercises, the two bars without the diamond are given. Crowning the emblem is a crescent of the same material, which is given to advanced students who are majoring in physical training and are able to conduct classes through the regular day's order. Students trying for the emblem must wear the regulation gymnasium suit, which must be clean and in good condition.

8.—FOOTBALL.

Given during second ten weeks only, to men in good physical condition as shown by physical examination. The squad is divided into teams according to ability.

9.—SOCCER FOOTBALL.

Given during second and third ten weeks. Individual and team practice. Valuable both as a vigorous game demanding speed and endurance, and as a preparation for track athletics and basket ball.

10.—BASKET BALL.

Classes are organized each term of the year. The A. A. U. game is taught to elementary classes and the intercollegiate game to the first and second teams. An interclass series is played during the third ten weeks.

11.—BASEBALL.

Given during the first, fourth and fifth ten weeks. Individual and team practice. The squad is divided into teams graded according to ability.

12.—TRACK AND FIELD ATHLETICS.

Given during fourth and fifth ten weeks, only to men in good physical condition as shown by physical examination. Cross-country running is given during the third and fourth ten weeks.

13.—TENNIS.

Given during first, second and fifth ten weeks. Tournaments in both singles and doubles are held during first and fifth ten weeks.

14.—SWIMMING.

Elementary and advanced instruction is given during each term of the year.

30.—FENCING.

Classes will be organized as demand indicates. Individual and class instruction.

FOR WOMEN.

The aim of this department is twofold: First, to bring each student to her best possible physical condition, and by a careful system of gymnastic training to correct faulty posture and carriage, to aid in the formation of habits of hygienic living, to establish a normal condition in the circulatory and respiratory systems, to secure bodily vigor, and to obtain a healthful and symmetrical development, rather than to secure the greatest increase in muscular power. Students are under the care of teachers who have had thorough medical training, and will be given special medical or corrective exercises prescribed according to individual needs as indicated by their physical examinations. In order that the effect upon the muscles may be lasting and best results obtained, students will not be excused from physical training until the required courses are satisfactorily completed, but the work will always be adapted to the individual needs. Second, to qualify them as teachers, to intelligently consider the physical needs of their pupils, and to direct in the schoolrooms daily exercises which will prevent or help to correct physical defects; also to teach in their playground, athletics, games, and folk dances.

Required. Three periods of work per week in gymnastics, athletics, or other elective work during the first two years of work in residence. One-half unit credit. Of this requirement, one-fourth must be in athletics or other elective work, but the other three-fourths must be regular gymnasium class work, which consists of marching tactics, free-hand or light hand-apparatus exercises, games or fancy steps. A semester of gymnastics must be completed before a student may substitute elective work.

2.—ELEMENTARY GYMNASTICS.

Required of all beginners. Three periods a week for ten weeks.

3.—INTERMEDIATE GYMNASTICS.

Required of all students who have completed course 2. Three periods a week for at least twenty weeks.

4.—ADVANCED GYMNASTICS.

Open only to students who have passed course 3 with high grades and are physically adapted to apparatus exercises.

7.—CORRECTIVE GYMNASTICS.

Open to all students who have need of remedial work. Special attention is given to those having spinal curvature, round shoulders, narrow chests, forward heads, weak backs, pronated ankles, or other physical weaknesses.

8.—OUTDOOR SPORTS.

Open to all students who have completed two terms of gymnastics. Three periods a week, in the spring and fall terms. In this course are taught a variety of games, including baseball, soccer, playground ball, cross ball, track athletics, and relay racing.

9.—SOCCER.

Open to students who have passed twenty weeks of gymnastics. One period a week for the fall term.

10.—BASKET BALL.

Open only to students who are physically qualified and who have completed course 2. One period a week.

11.—BASEBALL. One period a week in the spring term.

12.—HOCKEY. One period a week in the spring and fall terms.

13.—TENNIS.

Open to all students having a privilege of electing athletics. One, two, or three periods a week.

14.—SWIMMING. One lesson a week is allowed each student.

26.—ÆSTHETIC DANCING (ELEMENTARY).

Two periods a week. The purpose of this course is to develop grace and freedom of movement. The classic dancing is emphasized and is now considered one of the most important phases of gymnastic exercises.

27.—FOLK DANCING (ELEMENTARY).

One period a week. In this course are taught the simple peasant and national dances suitable for recreative and exhibition work with children.

28.—ÆSTHETIC DANCING (INTERMEDIATE).

Open to all students who have completed course 26.

29.—FOLK DANCING (INTERMEDIATE). One period a week.

30.—FENCING. One period a week.

35.—INDIAN CLUBS. One period a week.

36.—CROSS BALL. One period a week.

37.—SCHOOLROOM GYMNASTICS.

Required of all secondary students for their high-school certificate. Three periods a week for ten weeks. Fifty weeks of gymnastics, including courses 2 and 3, and twenty weeks of athletics or other electives are required before a student may be enrolled in this class.

This course is especially designed for those who will teach in country or graded schools. Such gymnastics as may be given between the desks, simple corrective exercises for round shoulders and poor breathing, schoolroom play, and playground games will be taught.

Physics.

PHYSICS I. *One-half unit credit.*

Each Semester, and Summer Term.

Properties of matter, motion; characteristics of liquids and gases, work, energy, and heat. The needs and interest of the pupil are kept constantly in mind. The subject is adapted to the pupil instead of adapting the pupil to the subject. During the year the class visits the ice plant, gas works, street railway and railroad car shops, foundry, steam and water mills, telephone exchange, waterworks, heating and ventilating plants, and such other places of interest as opportunity offers.

PHYSICS II. *One-half unit credit.*

Each Semester, and Summer Term.

Magnetism, electricity, sound and light. Students having special aptitude are given opportunity to do extra work, such as making motors and dynamos, batteries, erecting telephone and telegraph systems, and wireless telegraph stations. They study and test the efficiency of machines, hot-air and gas engines. An abundance of apparatus, selected with reference to the needs of the pupils, is used by the instructor in demonstrating the class work and by the pupils in the laboratory.

Text, Millikan and Gale's First Course in Physics.

Physiology.

HYGIENIC PHYSIOLOGY. *One-half unit credit.*

Each Semester, and Summer Term.

A good working knowledge of anatomy and physiology is given the student, but special emphasis is placed upon hygiene in all its phases. The pupil is taught those conditions that tend to the best development and health. To this end the subjects of food, circulation, respiration, excretion, exercise, athletics, etc., are considered with special reference to the needs of the individual. The cause, prevention and treatment of the more common diseases are quite fully treated. The aim of this course is to enable the pupil to care for his body properly rather than to commit to memory a large number of technical terms or even to be able to write a specified number of rules of health. Conn and Budington's Advanced Physiology and Hygiene.

Psychology.

ELEMENTARY PSYCHOLOGY. *One-half unit credit.*

Each Semester, and Summer Term.

Psychology is taught from the point of view of the intending teacher, and as many as possible of the illustrations and applications of the various subjects discussed are drawn from the schoolroom and its problems. Pupils are asked always to draw their illustrations from their own experience, and to test and prove whether or not the deductions of the author studied are correct. Frequent practice in introspection is given. Text, Betts, The Mind and Its Education.

School Administration.

GRADED SCHOOL MANAGEMENT. *One-half unit credit.*

Each Semester, and Summer Term.

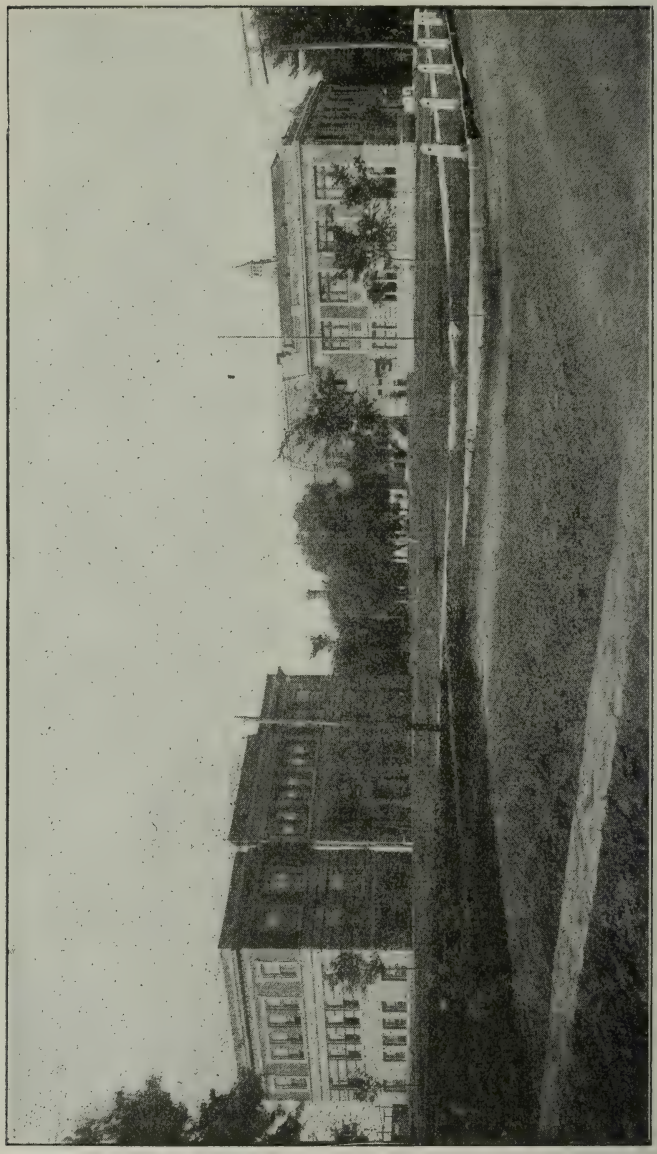
This course will be open to students of the Secondary School who have had two or more years of experience as teachers in rural or graded schools, and to such students only. It will be conducted as a rapidly moving class. While this will be a general course, considering the work in both graded and ungraded schools, the emphasis will be placed on conditions as found in the village and small city school. Colgrove's The Teacher and The School will be used as a textbook.

RURAL SCHOOL METHODS AND MANAGEMENT.

One-half hour credit. Each Semester, and Summer Term.

This course is organized for Secondary School students who expect to do more or less teaching before entering their college work. It consists of a study of school site and grounds, house and equipment, school hygiene and sanitation, preparation and personality of the teacher, first day, daily program, play and playgrounds, school government, school incentive, school ethics, the recitation, how to study, library and its use, agriculture in the country school, consolidation and rural-school problems.

The work in methods embraces the visitation of our Model Rural School and the discussion of methods of teaching in rural schools, laying special stress upon primary reading, language teaching, seat work, and nature study.



TRAINING SCHOOL. MAIN BUILDING. KELLOGG LIBRARY.

THE TRAINING SCHOOL.

(163)

The Training School.

Faculty.

President, JOSEPH H. HILL, *A. M., D. D., LL. D.*
President Elect, THOMAS W. BUTCHER, *A. B., A. M.*
Principal, JOHN HAMLIN GLOTFELTER, Pd. D.
Secretary, MARY E. EDWARDS.

Grammar Grades, GRACE VALLINTINE.
LUCY BARROLL, Ed. B.
JESSIE L. FORDE, B. Pd.

Intermediate Grades, GRACE TEAR, A. B.

Primary Grade, ACHSAH MAY HARRIS, A. B.
LENA GAMBLE.
JENNIE WILLIAMS, A. B.

Kindergarten, LOUISE ALDER, A. B., A. M.

Music Supervisor, KATHERINE STROUSE.

Gymnasium Supervisors, ELEANOR KITCHIN.
IRVIN E. BROWN.

Domestic Art Supervisor, GERTRUDE FLINN.

Domestic Science Supervisor, MRS. BETH WARNER MULL.

The Training School offers a full elementary course, including kindergarten. A tuition of four dollars a year in the primary grades and six dollars a year in the intermediate and grammar grades is collected from each child in attendance. The state textbooks are used. The regular session for the primary grades is from 8 o'clock to 12:20; for intermediate and grammar grades from 8 to 12:20 and 2 to 3:30. A summer term of eight weeks is held, the daily sessions being from 8 to 12.20. Children in attendance take at least two hours' work, in addition to hand work and physical training.

The aim is to develop the whole child. To that end much play and recreation are employed. The physical condition of the children is ascertained and corrective exercises are given when necessary.

Students completing the elementary course are passed to the Normal Secondary School without examination.

Outlines of Instruction.

Reading.

FIRST, SECOND AND THIRD GRADES.

Beginning work (without text); reading lesson based on nature study (purely observational and experimental); pictures, rhymes, stories, games and other activities. Special attention to thought and expression, mechanics, including phonics and word study, drills, etc., growing out of the thought work. A large list of appropriate readers is used throughout the grades.

FOURTH GRADE.

Art Literature Readers, book four.
Baldwin's Fourth Reader.
Apple Blossoms.
Heart of Oak, book four.
Child Classics, book four.
Sight reading from juvenile magazines, papers and story books.
Dramatization.

FIFTH GRADE.

Heart of Oak, book five.
Baldwin's Fifth Reader.
Child Classics, book five.
Classics:
- King of the Golden River, Ruskin.
- The Griffin and the Minor Canon, Stockton.
- Daffy-Down-Dilly, Hawthorne.
- The Nuremburg Stone, Ouida.
- A Dog of Flanders, Ouida.

Sight Reading.
Dramatization.

SIXTH GRADE.

Selections from the following:
- Some Merry Adventures of Robin Hood, Pyle.
- William Tell.
- Rip Van Winkle.
- Daffy-Down-Dilly.
- The Great Stone Face.
- The Snow Image.
- Grandfather's Chair.
- Courtship of Miles Standish, Longfellow.
- Pied Piper of Hamelin, Browning.
- Grandmother's Story of Bunker Hill, Holmes.
- Birds of Killingworth, Longfellow.
- The Day is Done, Longfellow.
- The Huskers, Whittier.
- The Ruby Crowned Knight, Van Dyke.
- The First Snowfall, Lowell.

Oral reading: Fables; Fairy stories; The Horse Fair; St. Nicholas stories; Wagner Opera stories; Indian legends; Youth's Companion stories; Stories from classics, old and new; Child classics.

Home reading: At least two books each semester, with written and oral reports at Reading Club. These from selected list.

SEVENTH GRADE.

Literature:

Man Without a Country, E. E. Hale.
Snow-Bound, Whittier.
The Spy, Cooper.
Just So stories, selections, Kipling.
Jungle Book, Kipling.

EIGHTH GRADE.

Literature:

Treasure Island, Stevenson.
Call of the Wild, London.
Selections from Eugene Field.
Selections from James W. Riley.
Julius Cæsar, Shakespeare.
Sohrab and Rustum, Arnold.
Dramatization of Act III, Julius Cæsar.

Nature Study, Language and Grammar.

FIRST, SECOND AND THIRD GRADES.

In the primary language lessons the time is devoted largely to oral expression. Oral lessons are planned that will strengthen the thought and enlarge the vocabulary. These lessons are based upon the nature work, and connected with pictures, stories and poems. Later, sentence forms must come to meet the needs of the increasing thought. Through the above work the children meet the mechanics in English, as, use of capitals for names, places, months, etc., beginning of sentences, lines of poetry, and subject of stories. Some of the marks of punctuation, as period, question mark, comma, after word in series, quotation marks, etc.

FOURTH GRADE.

Stories and myths of the Northlands.
The story of Siegfried.
Greek myths and legends:
Story of Iliad.
Story of Ulysses.
Composition:
Oral and written. Based largely upon nature study work, descriptions of plants, animals, etc.
Accounts of observations, experiments and excursions.
Reproduction of myth and story.
Poem study. Original ryhmes written as group work or individual exercise.
Simple play written.
Friendship letters to absent schoolmates; notes of invitation.
Items for the school paper.

All work in formal language is based upon the actual needs of the class as shown by their oral speech or written compositions. The work which the needs usually demand is as follows:

Form, title, margin, capitals, punctuation.
Emphasis upon sentence divisions, sentence endings, . , ? ! and what each signifies.
Quotation marks in undivided quotation.
The use of comma in series, and in direct address.
Abbreviations.
Contractions.
Use of 's in the possessive.
Correct writing of titles of books and stories.
Correct use of difficult verb and pronoun forms.

FIFTH GRADE.

Roman history stories, centering interest around selected leaders and heroes. Correlated legends and myths. Early English history stories. The King Arthur legends. Detailed study of Sir Galahad. Pioneer stories of North America.

COMPOSITION, ORAL AND WRITTEN: Basis of work same as in the fourth grade. Continue exercises in punctuation as needs of the class show. All uses of comma, use of semicolon, brackets and quotation marks are taught. More emphasis is placed upon careful arrangement in story or composition, recognizing the paragraph as the unit of thought and noting natural sequence. Composition work planned to call for a great amount of original work, reports of games, contests, recitals, etc. Accurate, concise directions written out, telling just how to play a certain game, to make an article in manual training, etc. Original stories and plays written. Unfinished stories completed. Reports upon library reading relating to geography and history work written when needs of school require, as ordering pictures and books, renewing subscriptions to magazines, etc. Interesting events and news items are written up for the school paper. Exercises in alternative expression are given to direct attention to the form of their sentences and paragraphs.

SIXTH GRADE.

Oral; topical recitations:
Current events.
Story telling.
Reports of trips, etc.
Class discussions.

Written:
Description, narration, exposition, letter writing, social notes, poetry, plays, dictation.
Emphasis, thought, arrangement. Outlines of selections in literature and of supplementary readings in history and geography. Class discussions, followed by making of outline, on topics from geography, history, nature study, literature.

Ideas; nature of, how received, how expressed, kind.
Words; use in expression of ideas, leading to the study of parts of speech.
Judgments; subject of thought, predicate of thought.
Sentences; as expressing judgments, necessary elements of.

SEVENTH GRADE.

Formal: Review of ideas; words as instruments of expressing ideas; judgments; sentences; sentences as expressing judgments. Introductory work with the following parts of speech: nouns, pronouns, adjectives, verbs, adverbs. Recognition of the kinds and parts of a sentence. Gender, number, simple work in case. Rules for punctuation reviewed in connection with composition.

Informal: Written work correlated with other subjects. Grammar notebooks. Original weekly compositions based on interesting events in and out of school. Dictation of poems.

EIGHTH GRADE.

Informal:

Composition work connected with other subjects.
Arithmetic; ways of investing money, ways of saving money, steps in establishing a bank, writing original problems, etc.
Grammar; writing a grammar for an eighth grade.
Literature; character sketches, descriptions.
History; written biographies, oral and written arguments of greatest interest, debates.
Civics; writing of ordinances, bills, etc.
Geography; descriptions of countries and their inhabitants, debates.
Original stories for school magazines.
Letter writing.
Reports for school paper.

Formal:

Sentence, defined and classified.
Parts of a sentence and modifiers.
Further study of noun and pronoun, recognition of nouns and pronouns, classification, number, person, gender and case forms.
Adjectives (word, phrase, clause), recognition in any part of sentence, value in expression, classification.
Adverbs (word, phrase, clause), recognition, value in expression.

Spelling.

FIRST, SECOND AND THIRD GRADES.

Words selected from the other work of the week, as language, geography, numbers and reading.

FOURTH AND FIFTH GRADES.

Words are taken from daily lessons. The use of the dictionary is taught. Children also make blank dictionaries, in which are kept for ready reference lists of words which have been misspelled in written work.

SIXTH GRADE.

Words chosen from other subjects; words missed in written work. Dictation lessons, testing ability to spell the word in its use.

SEVENTH AND EIGHTH GRADES.

Use the state text in spelling.

Geography.

Throughout the primary work, first, second and third grades, attention is given to life work and map work.

FIRST GRADE.

Life work is taught through outdoor trips, near the child, his home surroundings. The science lessons lead the way to geography. From these lessons, which enable the children to see clearly that which lies about them, they are led to picture the related unknown, developing power of imagination and interpretation. These lessons are supplemented by stories—Jane Andrews, Seven Little Sisters, and others similar—pictures, clay and sand modeling, and the making of posters. Map work. Lessons in size, color, form, position, distance, direction. The children become familiar with the terms over, across, up, down, left, right, front, back, etc.

SECOND GRADE.

Races of people and life work. Industries and occupations. Real and imaginary trips. Pictures. Stories taken from Jane Andrews, Ten Boys, and other similar stories. Map work. Location of the homes of these boys. Simple drawings of floor plans for houses, parks visited, etc.

THIRD GRADE.

Home geography and local geography. City, town or district and the surrounding county. Follow the phases of work, life work, and map work, making the life and work of the people lead to the need of a plan, or simple map of the same. Free use of pictures, blackboard drawings, excursions or observation trips, collection of illustrative material, stories, etc., to aid in making the work concrete. The state; show life work and map work. Simple work from a primary text the latter part of the year. Purpose to teach the children how to use the text. These lessons will be supplemented by outdoor trips, experiments, chalk, clay and sand modeling.

FOURTH GRADE.

Brief review of Kansas. Interest extended to other states and to the United States as a whole.

Globe study to show the locations of the continents with reference to Kansas.

Study of our American neighbors, Canada, Mexico and South America.

Selected countries of Eurasia, England, Germany, Holland, Italy, Greece, Switzerland, Russia, China and Japan.

In studying these countries, the work centers around the industrial and social life of the people, their characteristics, their language, homes, schools, child life, etc., how they have solved the problem of living, their industries, and how affected by the climate and topography of the country. Descriptions of the places of interest to travelers, the cities, etc. Relation of each country to the United States; what they export to us and what we send them. Continuous map work done upon outline map. Relief maps modeled in sand. Much supplemental work. Texts, King's Primary Geography; Tarr and McMurry, book 1.

FIFTH GRADE.

North America. Detailed study of the United States. The leading physical features and industrial and commercial centers are studied as types. Lumbering in Maine, textile manufacturing in New England states and in the South, coal fields, iron manufacturing, cotton culture, sugar-cane plantations, rice growing, the corn and wheat belts, ranching, mining centers, etc., are some of the topics around which center facts as to topography, climate, lines of transportation, etc. Special attention to cause and effect. Descriptive and commercial geography of Canada, Alaska, Central America, Hawaiian Islands, Philippines, South America.

SIXTH GRADE.

Eurasia, Africa, Australia. Latitude, longitude, ocean currents; effects of climate on people; effects of insular, oceanic, continental and mountainous environment on man.

SEVENTH GRADE.

North and South America. The United States in detail. Study causal geography. Mathematical geography. Planetary winds, cause and effect.

EIGHTH GRADE.

Commercial relations between North America and Europe and South America, Asia, and other parts of the world. Transportation, interstate commerce.

History.

FOURTH GRADE.

Stories of Greek, Roman and Hebrew origin.

FIFTH GRADE.

American pioneer stories, and English history stories.

SIXTH GRADE.

The discovery and exploration of America, the events in England preceding and accompanying the colonization of America, growth of colonies, and French and Indian wars.

SEVENTH GRADE.

The American colonies and the United States up to 1825.

EIGHTH GRADE.

United States History:

1. The inauguration of our new government.
   Problems arising, domestic and foreign.
2. Industrial development and growth of West.
   Transportation, canals and steamboats.
   Growth of manufactures and commerce.
   Emigration to the west.
   Social conditions, 1820; free and slave labor.
3. Political affairs.
   Political parties.
   Questions at issue.
   Rapid growth of democratic sentiment and practice.
   New parties and new party methods.

4. Foreign affairs.
   Revolt of Latin America, the Holy Alliance, Monroe Doctrine, Texas, Mexican War, Mexican cessions.
5. Industrial and social progress.
   Increase in production of raw material.
   Labor-saving devices.
   Steam railroad; Trans-Atlantic steamers.
   Foreign immigration; growth of West.
   Educational and social progress.
6. State *vs.* national sovereignty.
   Webster and Hayne debate.
   South Carolina nullification.
   Theories of Webster and Calhoun.
7. Slavery question and the Civil War.
   Powers of Federal government with reference to slavery.
   Pending questions.
   Secession movements.
   Civil War.
   Overthrow of the Confederacy.
   Reconstruction.
8. The New Union.
   Financial problems.
   Progress of industries and transportation.
   Political changes and reforms.
   Foreign affairs, Alabama claims, Hawaii, Venezuela boundary.
   Spanish-American War.
   Social and educational progress.
9. Present problems and political leaders.
   Tariff.
   Big business.
   Popular government.
   Political leaders and their platforms.

Civil Government.

EIGHTH GRADE.

City government, commission form of government:

1. Elective officers—mayor commissioner, commissioner of utilities, commissioner of finance; duties, powers, qualifications.
2. Laws governing city elections under commission government; candidate's petition; filing petition; elections; ballots; Australian ballot system of voting; term of office.
3. Organization of school into city and adoption of commission government naming city.
4. Election of commissioners; meeting of commissioners; application of appointive officers received and appointments made.
5. Passing of ordinances and franchise needed by school city.
6. Discussion of initiative and referendum; passing of ordinances by initiative of citizens.

State Government of Kansas:

1. Preamble and important sections in the bill of rights.
2. Executive department, officers, parties, duties.
3. Legislative department, in what vested, number, how determined, term of office, qualifications, duties and powers, prohibitions, how laws are made.

United States Government:

1. Growth of the Union.
2. Constitutional convention.
3. Study of three departments of National Government.

Numbers.

FIRST GRADE.

Expression. Reading and writing numbers from 1 to 100, suggested by pages in books, numbers on schoolroom doors. Roman numbers to XII. Signs +, —, and =. Counting. Counting by objects, by ones and by tens to 100. Counting by twos to 12. Counting by threes to 12. Addition and subtraction. Addition of any two numbers whose sum does not exceed 12. Also the corresponding facts in subtraction. Group work. Recognizing small groups without counting. Measures. Length—inch, foot, year. Liquid measures—pint, quart. Money value—cent, nickel, dime, dollar, half dollar, quarter of a dollar. Forms—square, circle, oblong, triangle. Solids—cube, sphere, cone, square and triangular prisms, cylinder. Construction work. Meeting problems through paper cutting, paper folding, cardboard work, use of blocks, making designs. Fractions—½, ¼, when related to a single object, a group of objects, and one object compared with another. Problems. Such problems as will interest the children on account of their immediate relation to child life and children's needs.

SECOND GRADE.

Review of first year's work. Expression. Reading and writing numbers to 1000. Roman numbers to XII. Telling time by hours and half hours. Signs +, —, =, ×, ÷, $. Counting. Counting by twos and threes to 20, by ones and tens to 100. Adding and subtracting. The forty-five combinations, including the corresponding facts in subtraction. Review for quick work the combinations and separations through 12. Develop and drill upon, for quick work, those between 12 and 18. Drill until the combinations can be given at sight. Drill on the tables of endings. Adding columns of three or four one-figure numbers during the first half of second year. Simple figure numbers during the first half of second year. Simple work in subtraction. The last half of the year teach subtraction, taking from the next higher order. Multiplication and division. The emphasis is placed upon addition and subtraction. The tables of twos, threes and fives, fours to 6 x 4, tens to 10 x 10. Measures. Continue the use of the first year measures. Also use gallon, peck, bushel, pound, half-pound, thermometer, clock. Forms. Continued use, especially for comparison work and for judgment training. Construction work. Continue meeting problems through paper cutting, paper folding, cardboard work. Fractions—halves, fourths, thirds, fifths, as suggested in first year. Problems related to child life and needs. Games and their use in teaching numbers.

THIRD GRADE.

Expression. Reading and writing numbers to 10,000. Reading and writing and use of Roman numbers through XX. Reading and writing fractions in connection with the tables. Reading and writing dollars and cents. Addition. Review the forty-five combinations. At sight add any one-figure to any two-figure number. Also columns of three or four one-figure numbers. Addition of from four to six numbers, the sum not to exceed 10,000. Subtraction. Review the forty-five combinations. At sight subtract any one-figure from any two-figure number. Multiplication. Review the tables taught in the second grade, and introduce the children to the remaining tables through concrete work. In multiplication use but one figure as a multiplier. Division. Short, using one figure as a divisor. Measures. Review the work of the second year. Compare pints, quarts, and gallons; quarts, pecks, and bushels; ounces and pounds; minutes, hours and days; days, weeks, months and years; square feet and square yards. Construction work, scaling, making boxes, garden plots, etc. Problems related to child life and needs.

Arithmetic.

FOURTH GRADE.

Amplification of third-grade work in subtraction and addition.
Complete processes of multiplication and division.
Measuring as needed by work of class—length, surface, weight, liquid and dry measure, time.
Many practical problems relating to interests of children in home, school and garden, and problems connected with geography and elementary science.
Personal accounts.
Simple fractions—concrete.

FIFTH GRADE.

Measurement. Linear—rod, mile; square—rod, acre, section; cubic—inch, foot, yard. Many practical problems. A cottage plan is drawn to scale. Many problems are based upon the building and furnishing of this house, painting, plastering, tinting, papering, carpeting, etc., using local prices for material and work done.
Area of triangle.
Bills and accounts.
Simple fractions.
Introduction to decimal fractions through United States money.
Simple percentage through records in contests, athletic events, etc.
Many problems growing out of the work of geography and elementary science.
Drills in fundamental processes kept up through the year.

SIXTH GRADE.

Addition, subtraction, multiplication and division, for accuracy and speed.
Bills and accounts.
Measurement—length, surface, volume, temperature, rainfall, time.
Farm accounts.
Cancellation.

Common fractions.
Introduction to percentage.
Simple interest.

SEVENTH GRADE.

Notation and numeration. Reading and writing whole numbers, common fractions, and decimals to six places. Roman notation. Reading and expressing per cents as common and decimal fractions and *vice versa*.

Fundamental operations. Addition, subtraction, multiplication and division, for speed and accuracy. Proofs and checks. Common fractions.

Decimal fractions. Addition, subtraction, multiplication, division.

Ratio and proportion. Laws of ratio and proportion. The fraction as a ratio; the proportion as an expression of the quality of two ratios.

Denominate numbers. Complete development of tables; problems using tables. Longitude and time. Metric system.

Percentage and its applications. Connections of percentage with common and decimal fractions. Application. Commission. Trade discount. Interest (the principal application of percentage). Interest by common method.

EIGHTH GRADE.

Percentage and its applications. Insurance, taxes, trade discount, stocks and bonds.

Interest. Six per cent method. Promissory notes and discounting notes. Bank discount. Compound interest. Partial payments.

Square root. Squares of numbers. Tables of squares of first nine integers. How to find square roots of numbers. Its application in problems of common affairs.

Mensuration. Review of denominate numbers. Surface forms—rectangle, quadrilateral, triangle, circle and polygon. Area—rectangular, triangular, polygon, circle. Volume—rectangular prism, triangular prism, cylinder, pyramid, cone, sphere.

Application in common affairs. Establishing a school bank and other corporations applying work in percentage, interest, bills and accounts, and fundamental operations. Planning a farm, applying work in mensuration, square root, fundamental operations, and mechanical drawings.

Nature Study.

FOURTH GRADE.

STUDY OF WEATHER CONDITIONS. Temperature, moisture, records kept, work of Weather Bureau, reading weather flags, daily reports, etc. Many simple experiments.

LIGHT, NATURAL. The sun—interesting facts, seasonal changes, length of days, records kept. The moon—changes, observations made, records kept. Different positions of sun and moon in rising and setting.

LIGHT, ARTIFICIAL. History of man's use, torches, candles, lamps, gas, electric; simple laboratory experiments. Visit to Normal electrical plant.

STUDY OF HEAT. History of man's use, modern stores and furnaces. Visit to Normal heating plant.

ANIMAL LIFE. Familiar insects, water life. Bird study—adaptation to life conditions emphasized and lists made, as perchers, waders, swimmers, the seed eaters, insect eaters, birds of prey, etc.

PLANT STUDY. Wild flowers studied and recognized by families.

SCHOOL GARDEN. Many simple experiments with soil, seed germination.

FIFTH GRADE.

TREE STUDY. Lists made of trees of campus, city and near-by woods. Identification by form, bark and leaves. Planting, care and value of trees. Detailed study of evergreen trees. A study is made throughout the year of a selected tree on the campus, sketching it from time to time and recording facts of its seasonal changes.

ANIMAL STUDY. Cottontail, jack rabbit, coyote.

BIRD STUDY. Recall work of fourth grade. Study birds as families, the thrush family, etc.

PLANT AND GARDEN STUDY, as in the fourth grade. Emphasize in this grade work with common commercial plants, as wheat, corn, oats, beans, alfalfa, beets and tomatoes.

ELEMENTARY ASTRONOMY. Planets and a few constellations. Study water supply of Emporia.

SIXTH GRADE.

Birds.
- Adaptation.
- Individuals:
  - Identification by song, color, movements.
  - Life habits.
  - Nest building.
  - Foods.
  - Economic value.
- Forests:
  - Need.
  - Reservation.
  - Conservation. Forest service.

Physiology.

SEVENTH GRADE.

Practical study based on need of early formation of right habits of position and care of the body.

The bones, the teeth, the skin, the eye, the ear, the nervous system.

EIGHTH GRADE.

Special emphasis laid on the importance of studying physiology and the application of this knowledge every day in order to have strong, healthy bodies.

1. Bones and Muscles. Composition, form, use, etc. Importance of gymnasium, corrective exercises and games for their right development. Formation of correct habits of walking, sitting, standing. Why this should be given especial attention during years of growth.

2. Respiration. Organs, process, etc. Importance of fresh air. Ventilation in homes and schools.
3. Digestion. Organs, process, etc. How we can aid digestion by eating the right sort of food, time of eating, thorough mastication.
4. Nervous system. Brain, spinal cord, and nerves. Sympathetic system. Importance of having a strong system. How to attain this.
5. Special senses. How to care for them.

Music.

FIRST GRADE.

Rote songs for voice and ear training and unification of voices. Songs of child life. Songs of the seasons. Songs for special occasions. Ethical songs. Songs for rhythm. Songs related to daily work. Working songs. Tone imitation work for voice and ear training. Rhythm work. Two-part rhythm. Three-part rhythm. Sight singing. Melodies of working songs previously taught by syllable by rote, now read from blackboard in whole notes. Mechanical terms used—staff, bar, G clef, sharp, flat, note, double bar.

SECOND GRADE.

Rote songs for voice and ear training and unification of voices. Songs of child life, songs of the seasons, songs for special occasions. Ethical songs. Songs for rhythm. Songs related to daily work. Tone imitation work for voice and ear training. Rhythm work. Two-part rhythm. Three-part rhythm. Sight reading. Chart melodies in the nine common keys, involving only the easiest skips. New mechanical terms—$\frac{2}{4}$ measure, $\frac{4}{4}$ measure, $\frac{3}{4}$ measure, $\frac{3}{8}$ measure, $\frac{6}{8}$ measure, tie, slur, hold, repeat marks.

THIRD GRADE.

Introduction to music reader. Sight reading of songs and exercises in all nine common keys. Pitch problems, pitch names, key names, all skips within any key. Rhythm problems. No sound shorter than one beat. Rote songs as in second grade.

FOURTH GRADE.

Pitch problems: ♯4 in nine common keys; use of ♮ ; ♭7 in nine common keys; two-part song; ♯1, ♯2, ♯5, ♯6, in nine common keys. Rhythm problems: Two equal sounds to the beat; two unequal sounds to the beat. Rote songs.

FIFTH GRADE.

Pitch problems; introduction of minor; further study of 1♯, 2♯, 3♯, 4♯, 5♯, 6♯, and 7♭. Rhythm problems. The triplet, first and second form; the catch note; two unequal sounds to the beat. Rote song.

SIXTH GRADE.

Pitch problems: Three-part song; intermediate tones with skips; continuation of minor; ♭3, ♭6, ♭2. Rhythm problems: The catch note. Continuation of two unequal sounds to the beat.

SEVENTH GRADE.

Pitch problems: Formal study of minor mode. Two additional keys. Modulations. Rhythm problems: Triplet in third form. Four equal sounds to one beat.

EIGHTH GRADE.

Pitch problems: Intervals, the F clef.

Rhythm problems: One long and two short sounds to the beat. $\frac{9}{8}$ measure, compared with $\frac{3}{4}$.

Handwork and Art.

PRIMARY GRADES.

Use of scissors, paper and posters. Water colors, raphia, cardboard, etc., in the making of useful articles and designs. This work is closely related to the nature work, numbers, language and geography.

FOURTH GRADE.

Water color, brush and ink, pencil, chalk, simple blackboard sketching, free-hand cutting for illustration, nature sketches, flowers, trees, birds, etc. Free illustration of stories and poems, simple pose in pencil or silhouette. Lettering.
Standard colors reviewed; tints, shades and hues developed.
Design; border and surface, repetition and alternatives, using geometric or nature motives on squared or punched paper.
Original design made for book covers, etc.
Study of famous pictures.
Stories and pictures of Greek art.
Construction Work.
Paper and cardboard.
Booklets made, decorated covers, simply bound.
Boxes, plain or covered, reinforced covers.
Photo mounts, labels, envelopes, bookmarks and other simple pieces made from jute, tag and bristol board.
Weaving.
Clay pottery.
Ideal farmyard constructed, using cardboard, wood and clay. In this work the girls do the cardboard work while the boys use coping saws in the wood construction.

FIFTH GRADE.

Continuation of work of fourth grade. Tints and shades, and hues of color reviewed and complementary colors taught. Design. Regular division of surface, radial arrangement. Repetition of straight line and curve in all positions. Stenciling. Original designs for book covers, for stencil designs, for blackboard borders, pottery designs, etc. Landscape—season studies, sky pictures, simple bits of outdoor landscape painted. Sketches in black and white. Tree study emphasized, sketches of trees made with pencil, crayon or brush. Trees upon campus painted. Booklet made showing year history of a chosen tree. Picture study. Roman art, simple studies.

Constructive work: Wood work. Tools—pencil, try-square, bench-book, knife, backsaw, coping saw, hammer, plane, brace and bit, and file. Models made—name plate, plant marker, key label, shipping tag, match scratcher, pencil sharpener, cord

winder, paper file, box, key rack, tooth-brush holder, bracket shelf, post-card box, and cart.

SIXTH GRADE.

Design: Book covers. Folios for compositions. Envelopes for papers. Christmas candy box. Favors for class parties. May baskets. Easter cards. Christmas cards. Programs. Calendars.

Construction of above.

Water color, in above. Seasonal landscape for calendar. Flowers, trees, etc.

SEVENTH GRADE.

Landscape—pencil, charcoal, water color. Plant study—drawing of trees, leaves, flowers, vegetables. Decorative design—calendars, book covers, posters. Printing—different styles of letters, spacing, initial letters.

EIGHTH GRADE.

Continuation of work of preceding grade. Principles of perspective. Group drawing, emphasizing perspective. Home decoration. Relation of art to home decoration, artistic arrangement, color blending, training judgment in selection and meaning of pictures.

Manual Training.

FOURTH GRADE.

Clay, paper, cardboard and light wood are the materials used The aim is to develop in the child an appreciation of the beautiful, besides giving him a knowledge of measurement. A variety of projects are given to stimulate interest. Work in clay is along the line of pottery. Work in paper and cardboard is developed along four lines: making of card projects, envelopes, boxes, and book making. The woodwork consists of elementary whittling and coping-saw work.

FIFTH GRADE.

Light woodwork takes up the entire time in this grade. Basswood of varying thickness is used for the entire course. Whittling is emphasized in the first of the course. Later the block plane and saw supplant it. Fewness of tools is emphasized. Projects are: name plate, plant label, match scratcher, pencil sharpener, paper file, tooth-brush holder, bracket shelf, jewel box, frame, and bow and arrow.

SIXTH GRADE.

Planing to the third dimension (thickness) is introduced in this grade. More tools are studied and used. Narrow-surface and broad-surface planing are taken up and emphasized. Accuracy is insisted upon. Models made are: bill file, bread board, handkerchief box, coat hanger, whisk-broom holder, pen rack, a bent iron model, and an optional model. Finishing the model in various ways is taken up, though for the greatest part simple staining and waxing is preferred.

SEVENTH GRADE.

Simple joinery is begun in this course. The course is not so rigid as in preceding grades. A group of models are offered, and pupil selects from the group the model preferred. Work in hard wood is introduced in the latter part of the year. Each pupil keeps his tools in shape and is expected to do accurate work. More tools are added, and work becomes more complex. Models made are: broom holder, or brush and comb pocket, book rack, blotting pad or sleeve board, footstool, nail box or blacking box, medicine cabinet or book cabinet, and an optional model.

EIGHTH GRADE.

By the time the pupil has reached the eighth grade he is able to judge his own workmanship, and to plan furniture. He is given an opportunity to select and make a piece of furniture, same to take most of his class time during the year. For the greater part, simple joinery is insisted upon, but in some cases more advanced joinery is given. Projects selected individually during the year are: writing desk, book case, music cabinet, taboret, magazine rack, stand, table, hall tree, umbrella rack, etc. Finish is insisted upon; oil, oil stain, filler, varnish in a few cases, and wax are used. Drawing is introduced in this grade as mechanical work. From ten to fifteen plates are drawn and inked during the year. By the time he is through with the drawing he is able to make working drawings of the models used in classroom.

Domestic Science and Art.

SEWING.

FIFTH GRADE.

Weave a rug or hammock to learn the darning stitch.
Darn stockings.
Practice work on coarse material such as Jaua canvass.
Apply simple stitches and seams in making a sewing bag and outfit to supply a doll's bed consisting of sheet, pillow slip, pillow, mattress, blanket, comfortable, pad and spread for doll's bed. Each girl using her complete outfit will learn to make a bed properly by practicing on the doll's bed for which they were made. Study about sanitation of bedroom, laundering, and care of bedding, etc.
Art needlework. The use of ornamental darning on plain crash in making a table runner.

SIXTH GRADE.

Patching. Material to use, old or new, fading, matching of pattern, etc.
Laundry bag. Care of soiled clothing. Removal of stains. Outline word "Laundry" on bag.
Articles to be used in kitchen. Dish towels, hand towels, kitchen apron, holder.
Articles for dining room. Study of linen, making of napkin, hemstitched or fringed doily, embroidered doily.
Laundering and care of table linen. Care of dining room.
Crocheting. Wash cloth, doily or small bag.
Knitting wash cloth.

Make pattern for large rug; divide in as many parts as students in class. Let each weave a section.

SEVENTH GRADE.

Garment making. A study of materials and trimming suitable for undergarments. Use of machine and attachments. Use of patterns. Drafting to one's own measurements. Drill in economical use of cloth. Estimation of cost of garments. Making of underwaist, drawers, nightgown or skirt, kimona.

EIGHTH GRADE.

Make articles for bedroom. Discuss sanitary sleeping rooms. Materials suitable, plan a complete outfit of furnishing for sleeping room. Make a dresser set, consisting of scarf, mat and pincushion cover.

Make and mark articles to be used in cooking class—holder, half sleeves, towel, apron, cap.

COOKING.

EIGHTH GRADE.

Lessons in cooking are given to girls in the eighth A class. The lessons cover a ninety-minute period twice per week during one semester, and vary in order of succession according to whether the class begins work in September or January, but lessons dealing with the following materials are given during the term:

Fuels, fire building, lighting of gas range, and reading of meter.
Dust and cleaning, cleansing agents, dish towel, washing.
Measures and weights.
Foods and the food principles.
Water, its purity and protection.
Mineral water.
Fruits.
Bacteria, fermentation, yeasts and molds; cooking dried fruits; fruit canning and jelly making.
Sugars and starches, candy making, cereal and vegetable cookery.
Milk constituents; food value, clean milk, methods of protecting milk, pasteurization, preparation of milk dishes, cheese, cocoa, white sauce, cream soups.
Eggs and their food value and uses, effect of heat upon eggs; proper cooking of eggs; coddled eggs, poached, creamed, omelet, sponge cake, custard.
Cheese, value in diet, cooking of cheese dishes.
Meats—composition, broiling of steak, hamburger, beef loaf, soup stock, cropuettes, frying in deep lard.
Bread and bread making.
At least two special lessons are given in table setting, serving of a meal, and entertainment.

The children pay a laboratory fee of two dollars for a semester. Each girl is expected to be supplied with wash dresses, at least two white aprons, and two pairs of half sleeves, two white or checked hand towels, and holders of white crash.

Physical Training for Girls.

All children from the fourth to eighth grades, inclusive, are required to take physical training in gymnasium suits. The work is adapted to the age and needs of the child, and is made both recreative and beneficial. Those having physical defects or weaknesses are given special exercises by competent teachers. These exercises are prescribed according to individual needs shown by their physical examinations. All grades are allowed one lesson a week in the swimming pool at the four-foot depth. Those who do not desire swimming lessons are given regular gymnasium work by student teachers.

Normal students so desiring may be appointed to one of the model grades and given a course in teaching gymnastics under supervision of Miss Kitchin.

COURSES IN PRACTICE.

1. Grades fourth and fifth.
   - (*a*) Simple marching (for posture and coördination).
   - (*b*) Exercises to develop rhythm and imagination.
   - (*c*) Folk dances and singing games.
   - (*d*) Simple indoor and outdoor games.
   - (*e*) Playground exercises and games.
2. Grades sixth and seventh.
   - (*a*) Marching tactics.
   - (*b*) Combined exercises (to develop physical coördination).
   - (*c*) Hand apparatus work (dumb-bells, wands, etc.).
   - (*d*) Folk dancing.
   - (*e*) Playgrounds work.
   - (*f*) Competitive games.
3. Grades seventh and eighth.
   - (*a*) Advanced tactics.
   - (*b*) Complex exercises with or without hand apparatus.
   - (*c*) Advanced folk dances.
   - (*d*) Apparatus work (including the horse, buck, parallel bars, ropes, rings, horizontal ladder, boms, and stall bars).
   - (*e*) Basket ball.
   - (*f*) Playground games (soccer, baseball).
   - (*g*) Relay races and competitive games.

Physical Training for Boys.

All the boys above the third grade in the Training School are enrolled in gymnasium classes taught by regular teachers of the Physical Training Department. The classes meet for an hour twice a week. The classes wear regulation gymnasium costumes.

The work is organized on a play basis, and consists mostly in seasonal athletic games, only enough formal gymnastics being given to correct or avoid faulty posture. During the fall soccer football is taught; in the winter season basket ball and indoor baseball occupy the boys' attention; and during the spring all are outdoors working for a place on the baseball team. All the boys have one swimming lesson a week throughout the year. One of the most enjoyable features of the boys' physical training is the annual "hike." This occurs near the close of the school year. The boys are dismissed from their afternoon classes and tramp to the woods, with the gymnasium teacher, where the time is spent in swimming and games and supper is cooked around a camp fire.

SUDTENTS.

(185)

College.

Graduates.

Anderson, Lawrence B.,
Alma.
Cash, Annie M.,
Emporia.
Doty, Katherine,
Emporia.
Freeland, George Earl,
Emporia.
Lunden, Mina,
Salina.
Metzler, L. F.,
Portis.
Rowe, Ida E.,
Emporia.
Tilford, C. E.,
Emporia.
Turner, Clair K.,
Chanute.
Warren, William John,
Garnett.
Wooster, L. Dwight,
Emporia.

Undergraduates.

SENIORS.

COMPLETING WORK FOR A. B. DEGREE, AUGUST, 1912.

Douglass, Aubrey,
Emporia.
Harris, Ethel,
Emporia.
Jent, H. C.,
Wamego.
Moss, Mrs. Cornelia,
Emporia.
Snyder, Georgia E.,
Abilene.

CANDIDATES FOR A. B. DEGREE IN JUNE.

Baltzer, Benjamin,
Hillsboro.
Brogan, Anna Helen,
Emporia.
Brown, Frances Langdon,
Manhattan.
Culter, Horace M.,
Emporia.
Darrough, Abbie,
Emporia.
Everley, Garnet Mabel,
Glasco.
Funk, Peter C.,
Hillsboro.
Finlayson, Edith E.,
Summerfield.
Gebhardt, Verna Blenn,
Alden.
Grayum, William Hebard,
Jones, Okla.
Hally, Thomas F.,
Delphos.
Harper, Manly H.,
Emporia.
Hartsock, Robert E.,
Stillwater, Okla.
Hicks, Virginia Pierce,
Lakin.
Jaggard, Guy Hathaway,
Emporia.
Lewis, Anna Winnifred,
Butternut, Mich.

CANDIDATES FOR A. B. DEGRTEE IN JUNE.

Lunceford, Albert E., Bronson.
McLeland, Claude Alvin, Chanute.
Mull, Mrs. Beth Warner, Emporia.
Palmer, Grace, Eureka.
Phillips, Lottie M., Phillipsburg.
Shaw, Wayne Francis, Grenola.
Skoglund, David Seaman, Jamestown.
Speer, Charles Alva, Howard.
Vermillion, Lillian E., Emporia.
Wegley, Addie May, Emporia.
Williams, Curtis T., Emporia.

CANDIDATES FOR A. B. DEGREE IN AUGUST.

Alder, Frank E., Leonardville.
Baltz, Guy, Attica.
Barnes, Elias B., Emporia.
Benson, Mrs. Harriett E., Concordia.
Darrough, Abbie, Emporia.
Gilbert, J. Edward, Lincolnville.
Hanna, Ida Evelynne, Waverly.
McCoy, J. P., Chicago, Ill.
Matthew, E. B., Hays.
Newbrey, Lillie, Emporia.
Nicholson, Mrs. Ida Hodgdon, Lyons.
Prescott, Nora, Emporia.
Spangler, N. U., Chicago, Ill.
Strawman, Ethel Alice, Emporia.
Swan, Mary, Emporia.
Wooster, Ruth, Emporia.

NOT COMPLETING WORK FOR DEGREE.

Beeching, Mabel, Otis.
Bell, Lillian, Girard.
Franzen, J. H., Goessel.
Childears, Amos B., Ottawa.
Hopkins, Annie P., Ellsworth.
Jones, W. H., Lawrence.
McCarty, Olivia, Emporia.
Markwell, Effie E., Wichita.
Marsh, Bessie, Kincaid.
Pemberton, Irene, Emporia.
Peterson, Daniel, Atlanta.
Potter, Elizabeth, Emporia.
Prescott, Nora E., Emporia.
Shay, Ethel, Emporia.
Swan, Mary C., Emporia.
Tidyman, W. F., Marion.
Wooster, Ruth, Emporia.
Wright, Chas., Reading.

JUNIORS.

Adamson, Charles R., Erie.
Allen, Jas. G., Hewins.
Armstrong, Eva M., Wathena.
Atherton, Sarah A., Emporia.
Baptist, Eleanor, Emporia.
Beadles, Ethel, Caney.
Bennett, James, Emporia.
Blakeley, Georgina, Emporia.
Bond, Mabel, Wichita.
Brittain, Emma, White City.
Bullen, Ben T., Salina.
Butler, Wm. W., Everest.
Cannady, Jennie, Emporia.
Carroll, Mary Helen, Emporia.
Carter, Ida Estelle, Plymouth.
Chauncey, Della M., Douglass.
Coffman, Harold C., Emporia.
Coleman, Cora E., Emporia.
Coleman, Mary Lillian, Emporia.
Conner, Faye, Emporia.
Cook, Harriet B., Emporia.
Corwick, Anna L., Anthony.
Covert, Timon, Emporia.
Cross, Maude L., Emporia.
Curry, Bessie, Strawn.
Daniels, Ellen, Syracuse.
Daniel, Orphia E., Emporia.
DeLay, Glenn A., Emporia.
Dodge, Alice, Emporia.
Doll, Emma, Larned.
Dryden, Lockie, Larned.
Dwelle, Alice Louise, Cedar Point.
Farnham, Helen, Galena.
Felter, Elmina Anne, Emporia.
Felter, Harry W., Emporia.
Fessenden, E. M., Emporia.
Finn, John M., Paola.
Foncannon, Adrian, Emporia.
Frankenberger, Donald, Emporia.
Gordon, Fred C., Easton.
Gregory, Emory, Emporia.
Hall, Emily, Emporia.
Hansen, Ida M., Greenleaf.
Harris, Bertha, Howard.
Harris, Verle, Emporia.
Hoswell, Mary, Garfield.
Hay, Wm. S., Eskridge.
Haynes, Mabel, Emporia.
Heaney, Mrs. Anna Biggs, Healy.
Heaney, Arthur J., Healy.
Hearst, Wm., Emporia.
Hendrix, Sam, Pomona.
Hensley, Nellie, Emporia.
Hepworth, Geo. C., Burlingame.
Hill, C. W., Smith Center.
Hodges, Clara F., Ottawa.

JUNIORS—*continued.*

Hoffman, Mabel E.,
Reece.

Hothan, Mary Louise,
Lyndon.

Howard, Mary Belle,
Emporia.

Howard, Mary,
Emporia.

Howell, Edith,
Emporia.

Hunsberger, Nina,
Mount Hope.

Hutcherson, Rosa,
Arnold.

Jones, C. F.,
Elwood.

Jones, Humphrey,
Emporia.

Jones, Lucy,
Tonganoxie.

King, Oda May,
Emporia.

Lesh, Ruth Ann,
Arkansas City.

Lipper, Fred,
Leoti.

Lockhart, Harriett,
Sabetha.

Lockwood, Daniel,
Emporia.

Losey, Leslie,
Clay Center.

Loveless, Opa,
Emporia.

McCowan, Mary,
Emporia.

McLindon, Anna,
Williamsburg.

Marlowe, Charles C.,
Hartford.

Mallory, Benj. E.,
Emporia.

Mawhirter, Mary,
Wakarusa.

Mayes, J. F.,
Emporia.

Mealey, Ethel,
Emporia.

Michem, Ethelinda,
Oklahoma City, Okla.

Miller, Frances,
Horton.

Minner, Roxie R.,
Soldier.

Mitchell, Florence,
Vernon.

Morgan, Sara,
Emporia.

Nelson, Mary B.,
Glen Elder.

New, George Raymond,
Emporia.

Nicolay, Amy,
Scranton.

Oakes, Martha,
Peru.

Officer, M. Ruth,
Emporia.

Orem, Wilma,
Manhattan.

Osgood, L. A.,
Emporia.

Paddock, Anabel,
Iola.

Parke, Marian F.,
Emporia.

Payne, Ruth Elizabeth,
Emporia.

Peek, Hugh E.,
Seneca.

Peek, Mildred Isadora,
Seneca.

Peters, James C.,
Utica.

Peugh, Olivia Esther,
Hutchinson.

Pierce, Mae Anna,
Emporia.

Rector, Eva G.,
Emporia.

Rees, Mary J.,
Emporia.

Rees, Olive,
Emporia.

Reese, Mrs. W. G.,
Goodland.

Reese, W. P.,
Bronson.

Reser, Antoinette,
Bigelow.

Rife, Mildred,
Anthony.

Rindom, Frank O.,
Liberal.

Robertson, Ray W.,
Emporia.

Schabinger, Arthur A.,
Emporia.

Schermann, Mary T.,
Neodesha.

Seal, Harvey C.,
Meriden.

JUNIORS—*concluded.*

Seaman, Howard W., Axtell.
Seaver, W. D., Chanute.
Shuey, Ada, Emporia.
Skinner, Lucile, Stafford.
Sloan, James C., Eskridge.
Smith, Ellen, Iola.
Smith, Grace, Cherokee.
Stubbs, Stella C., Lawrence.
Thomas, Nannie, Home.
Thowe, August, Americus.
Treadway, Florence Theresa, Emporia.
Wagner, Ella, Ellsworth.
Waldorf, W. J., Leon.
Waldron, J. Harley, Louisburg.
Waterman, Maude Annie, Florence.
Wegley, Inez Elizabeth, Emporia.
White, W. P., Le Roy.
Whitehouse, Maude E., Eskridge.
Widner, Guy, Eskridge.
Wilcoxson, Myrtle, Emporia.
Williams, Gladys, Emporia.
Wilson, Avis, Hartford.
Woods, William, Kincaid.
Wooster, David, Emporia.

SOPHOMORES.

CANDIDATES FOR LIFE CERTIFICATES IN JUNE.

Allen, George A., Sabetha.
Baldwin, Lucy Loretta, Neodesha.
Baltz, Florence Marie, Attica.
Barr, Erna, Diamond Springs.
Barthel, Ursula, Emporia.
Beebe, Georgia Alice, Burns.
Bell, Charles Robert, Kinsley.
Betz, Inza, Asherville.
Blackwood, Lorena E., Idana.
Brinkman, Mary Anna, Americus.
Blaisdell, Edith Margaret, Paola.
Bowers, David W., Centropolis.
Carl, Cecil Gray, Imperial.
Carl, Ethel May, Imperial.
Carr, Ida Olive, Eudora.
Cason, Cleta H., Ness City.
Chauncey, Alvah B., Douglass.
Chauncey, Martin R., Douglass.
Clay, Elsie G., Oskaloosa.
Copeland, Esther Lucile, Colony.
Duffy, Alda Westella, Vermilion.
Dunn, Perry K., Jetmore.
Eastman, Nellie, Emporia.
Farnsworth, Nellie, Portis.
Fawcett, Vera Ellen, Norton.
Fife, Eunice, Arkansas City.
Fluker, Florence, Emporia.
Forde, Mary Edith, Emporia.

SOPHOMORES—*continued.*

Fraser, John Edward,
Scandia.

Gallagher, Winifred I.,
Sparks.

George, Ethel,
Erie.

Grimes, Edna Leona,
Marion.

Groves, Eleanor Jane,
Carlsbad, N. M.

Grubb, Eva May,
Phillipsburg.

Hamill, Nellie,
Grenola.

Hansen, Nina,
Greenleaf.

Harris, Augusta Carolyn,
Salem, N. H.

Harris, LeRoy D.,
Eudora.

Hepworth, Viola J.,
Burlingame.

Hogue, William Hiram,
Leon.

Hunsaker, Lora Lucy,
Mulvane.

Hunter, Marguerite,
Emporia.

Hutchison, Janette S.,
Scranton.

Isaacs, Le Roy,
Holton.

Jasper, Martha Opal,
Lebo.

Jenks, Gertrude M.,
Howard.

Jimison, Brunetta May,
Stafford.

Killough, Bessie,
Ottawa.

Kinley, Eva G.,
Topeka.

Kirkpatrick, Amanda,
Montrose.

Kraemer, Cornelius,
Beattie.

Laing, Ina,
Concordia.

Larson, E. Eric,
Scandia.

Lempenau, Emma T.,
Westmoreland.

Lewis, Marie,
Columbus.

Lichlyter, Lola May,
Sharon.

Lock, Chlora Faye,
Emporia.

Lyness, Arthur,
Reading.

McConnell, William Wright,
Council Grove.

McGinnis, Myrta Ethel,
Mayfield.

McIntosh, Louisa,
Lost Springs.

McLeland, Ethel,
Chanute.

McNabb, Mary Clarissa,
Waverly.

Mahuron, Napoleon B.,
Garden City.

Mathews, Florence M.,
Chanute.

Maxson, Mae,
Emporia.

Milton, Ruth,
Stafford.

Minner, Roxie,
Soldier.

Moore, Clyde C.,
Thayer.

Moren, Vera E.,
Centralia.

Mullarkey, Ethelyn Faye,
Glasco.

Neumann, William J.,
Hanover.

Ogg, Tressa Roxana,
Emporia.

Palmer, Ruth Clara,
Emporia.

Payne, Dorothy Cost,
Emporia.

Perkins, Birdie Anna,
Newton.

Peters, James C.,
Utica.

Pfaff, Winnifred,
Hazelton.

Ragle, Florence,
Iola.

Railsbeck, Nellie Gertrude,
Langdon.

Raymond, Anna Elizabeth,
Scranton.

Rees, Olive,
Emporia.

Richards, Hazel Vivian,
Minneapolis.

Robinson, Cecil M.,
Emporia.

SOPHOMORES—*continued.*

Rogler, Emily,
Matfield Green.

Samuelson, Edith A.,
Axtell.

Schaeber, Anna Erena,
Pawhuska, Okla.

Seacat, Gracia,
Ashland.

Seaman, W. H.,
Axtell.

Sexton, Lucile,
Fall River.

Skinner, Alta Wauneta,
Stafford.

Slough, L. Katherine,
Quincy.

Smith, Julia Alice,
Iola.

Strawman, Mabel Marie,
Emporia.

Taylor, Elizabeth,
Sedgwick.

Thompson, Nellie,
Grenola.

Thompson, Lenore Arline,
Baldwin.

Van Nice, Pearl,
Richland.

Wait, George Ray,
Penalosa.

Walters, Fred C.,
Iola.

Wayman, Pearl A.,
Emporia.

Werner, Ruth,
Alden.

Williams, Dolphus C.,
Medicine Lodge.

Wood, Walter A.,
Bluford, Ill.

Young, Ora Ray,
Emporia.

Zellner, Esther,
Junction City.

CANDIDATES FOR LIFE CERTIFICATES IN AUGUST.

Anderson, Nannie Mary,
Bronson.

Beck, Leola Madeline,
Wamego.

Bleam, Louise E.,
Osborne.

Bogue, Clara,
Glascow.

Booker, Guy John,
Emporia.

Breed, Lucy,
Emporia.

Brown, Lelia A.,
Lacy, N. M.

Buck, Jennie Pearl,
Caw, Okla.

Burkhead, Carl Roscoe,
Centerville.

Cole, Hazel Bernice,
Emporia.

Colegrove, Ralph H.,
Girard.

Corn, Laura,
Humboldt.

Cowan, Ema E.,
Athol.

Dickason, Mabel,
Emporia.

Dodge, Ada,
Manhattan.

Ferguson, Lulu,
Sterling.

Fickel, Walter E.,
Agenda.

Garrett, Phrona E.,
Morganville.

Glover, Maud Elizabeth,
Kansas City, Kan.

Grattan, Stella Rae,
Emporia.

Hail, Ruth M.,
Emporia.

Hill, Gladys,
Mulvane.

Hime, Forrest Ray,
Centerville.

Howard, Nora Catherine,
Cherryvale.

Hurst, Jennie D.,
Wellington.

Hutchins, Lida,
Emporia.

Johnston, Nellie L.,
Towanda.

Josserand, Bruce,
Colusa.

Kizler, Ida,
Hillsboro.

Kunz, Otto Wm.,
Emporia.

—7

SOPHOMORES—*continued.*

Largent, Martha Mabel,
Quenemo.
Lewis, Sarah E.,
Emporia.
McCullough, Edna,
Emporia.
McDowell, Sadie Louise,
Emporia.
Magill, Flora Margaret,
Colony.
Marlowe, Myrtle D.,
Hartford.
Means, Mary Harris,
Hiawatha.
Mester, Hazel,
Creston.
Miller, Ross L.,
Cimarron.
Motes, Huldiah J.,
Scottsville.
Mullinix, Geraldine,
Burlington.
Murphy, Andrew A.,
Latham.
Parke, Marian F.,
Emporia.
Paul, Fred S.,
Garnet.
Pearson, Mary,
Emporia.
Perry, Bessie E.,
Hartford.
Pomeroy, Charles Franklin,
Emporia.
Postma, Virgil Elias,
Council Grove.
Postma, Robert Arthur,
Barclay.
Redd, Helen,
Newton.
Rees, Earnest C.,
Girard.
Schlagle, Frank Leslie,
Wolcott.
Schmitt, Bertha Marguerite,
Moundridge.
Seaver, Wirt D.,
Chanute.
Settle, Eulalia Elizabeth,
Burlington.
Smith, Lida May,
Emporia.
Sowash, Jennie,
Ottawa.
Squire, Edwin O.,
Bucklin.
Stevens, Evan R.,
Mankato.
Stiles, Ethel,
Crestline.
Switzer, Ethel Gladys,
Emporia.
Tennyson, Isla,
Muskogee, Okla.
Thompson, Addie May,
Moran.
Vincent, Louise De Vaul,
Kansas City, Kan.
Winston, J. C.,
Kansas City, Mo.

NOT COMPLETING WORK FOR LIFE CERTIFICATE.

Arbuthnot, Mary C.,
Belleville.
Armstrong, Maude,
Centralia.
Asher, Elsie Frances,
Fort Scott.
Bailey, Aletha,
Great Bend.
Baker, Ira W.,
Cherryvale.
Baker, Julia M.,
Cherryvale.
Batchelor, Nelle,
Salina.
Becker, Earl,
Emporia.
Benfer, Mabel C.,
Raton.
Berger, Blanche,
Sylvan Grove.
Bibler, Elsie,
Florence.
Bibler, Jeanette,
Florence.
Bixby, Bessie J.,
Osawatomie.
Blackwood, Lena,
Idana.
Blakely, Myrtle,
Emporia.
Bordenkircher, Rose,
Burlington.
Bradford, Caroline,
Emporia.
Brewer, Minnie Alice,
Boise, Idaho.

SOPHOMORES—*continued.*

Broughton, Herbert,
Admire.

Brown, Alfred A.,
Clay Center.

Brown, Iva,
Abilene.

Bryant, Dora,
Emporia.

Burgess, Florence,
Mulvane.

Caesar, Nicola J.,
Shawnee.

Carder, Mina,
Lyndon.

Cole, Mabel,
Emporia.

Collinsworth, Grover E.,
Potwin.

Corhn, Amanda,
Ardmore.

Corn, Laura E.,
Humboldt.

Cowley, Katherine Hazel,
Cottonwood Falls.

Culter, Clyde,
Emporia.

Dahm, Florence,
Great Bend.

Daniel, Nora,
Emporia.

Darrough, Edith Goldie,
Emporia.

Day, Glenna Edith,
Kansas City, Kan.

DeYoung, Ruth,
Emporia.

Dimmick, Eva,
Cedar Bluffs.

Elder, Helen,
Lyndon.

Fagan, Nellie,
Reading.

Fent, Libbie,
Eureka.

Fenton, Hazel,
Garnett.

Fife, Elizabeth,
Ludhiano, Punjab, India.

Fishback, Hazel R.,
Emporia.

Foster, Cornelius,
Kincaid.

Fuller, Wilbert,
Emporia.

Funchess, Zoula,
Topeka.

Gallagher, Edith,
Sparks.

Geelan, Norah,
Lecompton.

Givin, Grace,
Emporia.

Graham, Bessie,
Neodesha.

Gravatt, Abbie,
Beloit.

Guild, Edna,
Bern.

Hagge, Mrs. Elizabeth,
Pleasanton.

Harbour, Anna,
Herington.

Harris, Nellie,
Oak Valley.

Hays, Edith,
Garden City.

Heinbaugh, Zelali,
Parsons.

Hemenway, Edna,
Emporia.

Herod, Len B.,
Erie.

Hill, Alfred G.,
Emporia.

Hill, Franklin C.,
Wichita.

Hill, Gladys,
Mulvane.

Hoelcel, Emily K.,
New Ulysses.

Horner, Blanche,
Cambridge.

Howland, J. C.,
Independence.

Hutchings, Lida Ruth,
Emporia.

Ireland, Ethel,
Emporia.

Jackson, Josie,
Muskogee, Okla.

Jarrott, J. W.,
Great Bend.

Jeffries, Jno. A., Jr.,
South Haven.

Jeter, Lillian C.,
Alden.

Jones, Jason W.,
Emporia.

Jorgensen, Fred H.,
Council Grove.

Kersey, Ralph T.,
Circleville.

SOPHOMORES—*continued.*

Kirkner, Violet,
Carbondale.
Kjellin, Mrs. Anna,
Emporia.
Knight, Emma Evelyn,
Solomon.
Knowles, Jessie,
Marion.
King, O. W.,
Emporia.
Laird, Frank B.,
Hoyt.
Lambert, Calvin,
Emporia.
Larsen, Etta,
Tescott.
Larzelere, Margaret,
Wathena.
Latshaw, Estella,
Pratt.
Leichhardt, Nelle,
Wichita.
Lindsey, Beatrice,
Emporia.
Little, Elizabeth A.,
Eureka.
Lott, Nell,
Wellsville.
McCormick, Grace,
Hanover.
McCoy, Inez,
Kansas City, Kan.
McCrone, Grace,
Olathe.
McCullough, Roberta Jean,
Emporia.
McCullough, Roscoe,
Emporia.
McDowell, James D.,
Emporia.
McLaughlin, Marguerite,
Centralia.
Mackenzie, Benson,
Emporia.
Marlowe, Mabel,
Hartford.
Marvin, Sadie M.,
Emporia.
Mauck, Mildred,
Nelson, Neb.
Meredeth, Una O.,
Eureka.
Meuser, Louise,
Paola.
Meyer, Walter J.,
Lynn.
Miller, A. A.,
Cottonwood Falls.
Miller, Nora E.,
Hazelton.
Miller, Robena E.,
Minneapolis.
Milner, Laura M.,
Hartford.
Mitchell, Pansy,
Valencia.
Montgomery, Katherine,
Cottonwood Falls.
Morgan, Chas.,
Girard.
Morrison, Ray Lawton,
Emporia.
Morse, Lulu B.,
Emporia.
Myrick, John C.,
Hill City.
Myrick, Mrs. Mary,
Hill City.
Nanninga, Simon,
Emporia.
Neece, Lloyd B.,
Wetmore.
Nelson, Gladys,
Caney.
Nicholson, Pearl T.,
Holton.
Norlin, Nelle M.,
McCracken.
Nystrom, Ellen Evelyn,
Wellington.
O'Brien, Lilian D.,
Wellington.
O'Connor, Tessie Maude,
Emporia.
Officer, Ethel Lenora,
Emporia.
Officer, E. Leona,
Emporia.
Ogg, Esther E.,
Emporia.
Orwig, Beatrice,
Independence.
Osgood, Mrs. L. A.,
Emporia.
Pelzell, Pansy,
Harper.
Perkins, Josie,
Newton.
Peterman, Mabelle,
Berryton.
Peterson, Glenn,
Greenleaf.

SOPHOMORES—*concluded.*

Peterson, Henry B., Scandia.
Phillips, Frank L., Kansas City, Mo.
Pickett, Alma, Emporia.
Postma, R. A., Barclay.
Pyle, Anna Louisa, Americus.
Rice, Myrtle E., Marion.
Richards, Hazel, Minneapolis.
Riggs, Janet, Waterloo.
Riggs, H. Victor, Florence.
Riggs, Nina B., Wichita.
Robbins, Florence, Norwich.
Rollman, Helen, Brookville.
Rowe, Frances, Le Roy.
Running, Ida Louise, Atchison.
Scott, Helen, Herington.
Sexton, Lucile, Fall River.
Showalter, Grace, Baldwin.
Sinclair, Dora, Topeka.
Skinner, Carl H., Burden.
Smiley, Pearl, Silver Lake.
Smiley, Verna, Silver Lake.
Smith, P. A., Osborne.
Squire, Ora E., Bucklin.
Steckel, Minnie L., Woodbine.
Swagerty, Maude, Eskridge.
Thomas, Ola, Emporia.
Topping, Mary Louise, Cedar Point.
Waddle, Mabel, Osage City.
Wade, Elizabeth, Emporia.
Wagner, Helen, Abilene.
Walker, E. A., Lyndon.
Walker, Nellie Warren, Lyndon.
Wallen, Ruth, Humboldt.
Warrender, Albert M., Douglass.
White, Catherine, Clay Center.
Wilson, Minnie B., Topeka.
Wooster, Florence, Emporia.
Wren, Iva, Kincaid.

FRESHMEN.

Adams, Helen, Topeka.
Adams, Juanita, El Dorado.
Ahrens, Dora M., Halstead.
Akright, Jas. G., Chapman.
Albin, Estella, Grainfield.
Alderfer, Anna, Sabetha.
Alexander, Florence, Cimarron.
Allen, Adah Elisabeth, Neodesha.
Allen, Fleta, Council Grove.
Allen, Mary, Cunningham.
Allen, Ruth Virginia, Neodesha.
Allison, Bessie, Emporia.
Alsop, Inez, Wakefield.
Ambrose, Vida Ethelyn, Blue Rapids.
Anderson, Bertie L., Howard.
Anderson, Katherine, Alma.

FRESHMEN—*continued.*

Anderson, Mary E.,
Alma.

Anderson, Nannie,
Bronson.

Anderson, Nannie,
Emporia.

Aten, Mary,
Dodge City.

Austin, Julia,
Emporia.

Avery, C. Ruth,
El Dorado.

Ayres, Edith Mildred,
Washington.

Babcock, Ruth,
Nortonville.

Bache, Hilga,
Atchison.

Bailor, Geneva E.,
Ness City.

Baker, Ada,
Emporia.

Baker, Gertrude V.,
Thayer.

Balsmier, Selma Rose,
Enterprise.

Baptist, Lucy C.,
Emporia.

Barbre, Adelaide,
Hartford.

Barnard, Elizabeth,
Grenola.

Barnett, F. L.,
Wichita.

Barthel, Evangelis Ruth,
Emporia.

Bass, Mary Charl,
Fort Scott.

Bass, Beulah Ruth,
Pratt.

Baustian, Henry F.,
Lucas.

Beazley, Margaret,
Chanute.

Beecher, Thomas,
Americus.

Bement, May E.,
Winfield.

Bergen, Frederica,
Summerfield.

Berneking, Lydia,
Simpson.

Berry, Myrtle,
Emporia.

Betts, Lulu M.,
Norcatur.

Bibler, Ethel,
Florence.

Bingham, Anna,
Sabetha.

Birdsall, Adaline,
Neosho Rapids.

Bixby, Willa E.,
Kansas City, Mo.

Bixler, Beulah,
Iola.

Blanke, Laura,
Garden City.

Blanke, Olga,
Garden City.

Bleam, Louise E.,
Osborne.

Boerstler, Bessie M.,
Chanute.

Bogle, Ethel,
Paola.

Bogue, Clara,
Glasco.

Bolinger, Clare,
Concordia.

Bonwell, Gladys,
Emporia.

Bonwell, Muriel Agness,
Emporia.

Boone, Mary M.,
Topeka.

Borror, John H.,
Westphalia.

Bottomly, Gene,
Cedar.

Boughton, May,
Emporia.

Bowers, Fred,
Emporia.

Bradfield, Roy,
Attica.

Brandenberg, Georgia,
Bushong.

Brann, Inez,
Lincoln.

Brant, Edith,
Pratt.

Breed, Lucy A.,
Emporia.

Breneman, Amos,
Emporia.

Breneman, Theda,
Emporia.

Brewer, Josephine,
Riley.

Brewer, Ola E.,
Thayer.

FRESHMEN—*continued.*

Brewster, Ruby,
Thayer.

Bridges, Thyrza,
Almena.

Briggs, Clifton,
Emporia.

Briggs, Ruby,
Sedgwick.

Brown, Ada,
Lebanon.

Brown, A. J.,
Muskogee, Okla.

Brown, Chloe,
Troy.

Brown, Frank A.,
Reading.

Brown, Sara,
Caldwell.

Browne, Frances M.,
St. Marys.

Buck, Helen E. P.,
Lawrence.

Buck, Pearl,
Kaw, Okla.

Burchfield, Hazel,
White Cloud.

Burford, Ethel Brown,
Milton.

Burkett, Alta,
Cedar Vale.

Burlingame, Loila C.,
Muskogee, Okla.

Burns, Grace F.,
Cimarron.

Burns, Lillian,
Lawrence.

Burns, Mabel,
Burlingame.

Bush, Vassie T.,
Muskogee, Okla.

Butcher, Hazel,
Iola.

Butin, Leila,
Fredonia.

Butler, Edna,
Marysville.

Caldwell, Zella,
McPherson.

Calkins, Franklin Delmar,
Olivet.

Calloway, Arthur,
Douglass.

Canada, Nell,
Oklahoma City, Okla.

Capps, Nellie,
Kingman.

Carpenter, James M.,
Quincy.

Carter, Chas. C.,
Joplin, Mo.

Carter, Clara,
Kansas City, Kan.

Carter, Louise,
Natoma.

Caruthers, Esther,
Oklahoma City, Okla.

Chandler, Mary E.,
Colony.

Chandler, Roscoe,
Colony.

Clark, Florence Isabel,
Alta Vista.

Clark, Guy R.,
Walnut.

Clark, Lottie M.,
Pratt.

Clark, Mildred,
Centralia.

Clark, Perle,
Linn.

Clarkson, Mildred,
Anthony.

Clayton, Carrie,
Buffville.

Clem, Alice,
Cimarron.

Cline, Susie,
McPherson.

Cobb, Dee,
Herington.

Cochran, Wilma,
Lakin.

Coffey, Clara,
Frankfort.

Coil, Nellie F.,
Grenola.

Cole, Edith,
Topeka.

Colegrove, Ralph,
Girard.

Combs, Kathryn,
Herington.

Conboy, Raymond,
Stillwell.

Cook, Lois,
Parker.

Corder, Aetna,
Powhattan.

Correll, Effie,
Americus.

Cortner, Maude B.,
Otego.

FRESHMEN—*continued.*

Courtright, Marie,
Emporia.

Covert, Blanche,
Emporia.

Cowen, Ema E.,
Athol.

Cox, Emma I.,
Burlingame.

Crabtree, Wayne,
Altamont.

Craven, Emma,
Summerfield.

Creswell, Althea,
Ottawa.

Creveling, Catharine,
Quenemo.

Cross, Claude B.,
Emporia.

Crosswhite, Wm. Thomas,
Parker.

Cullison, Lenore,
Howard.

Cure, Ida Mae,
Atchison.

Currens, Olive M.,
Eskridge.

Cutting, Bernice K.,
Rose Hill.

Davis, Carrie,
Emporia.

Day, Edith,
Lost Springs.

Deane, Leah,
Pratt.

Deane, Ruth,
Pratt.

DeForest, Augusta,
Wetmore.

Denison, Francis Ethlyn,
Colby.

Denison, Neva,
Colby.

Dennis, Genevieve,
Olathe.

DeVore, Daisy,
Eskridge.

Deyo, Elizabeth,
Augusta.

Dickason, Essie M.,
Emporia.

Dicker, Alice,
Lawrence.

Diggs, Welford H.,
Emporia.

Dill, Edith,
Eskridge.

Ditman, Thomas,
Grenola.

Dodge, Ada,
Manhattan.

Dougherty, Jennie,
Logan,

Downs, Hazel,
Garden City.

Doyle, Angela,
Emporia.

Drollinger, Nellie P.,
Humboldt.

Dunn, Sadie,
Spring Hill.

Dwelle, Ruth,
Cedar Point.

Dymacek, Rose,
Caldwell.

Eakes, Alice,
Caney.

Eaman, Mary Dwight,
Garden City.

East, Mrs. L. A.,
Emporia.

Eastman, Bessie,
Matfield Green.

Ebey, June,
Beloit.

Edgington, Louise,
Burlingame.

Edwards, Anna E.,
Emporia.

Eells, Helen,
Oklahoma City, Okla.

Eldridge, Emma,
Barclay.

Elledge, Clara,
Burlingame.

Ellis, Marguerite Maxine,
Cherryvale.

Ellis, Rachel,
Emporia.

Ellsworth, Bertha,
Lecompton.

Englund, William,
Lakin.

Epperson, Carrie,
Scott City.

Etzold, Grace,
Liberal.

Eubank, Winnie,
Cullison.

Evans, Cynthia,
Olathe.

Evans, Mary,
Cimarron.

FRESHMEN—*continued.*

Fagan, Maggie,
Reading.

Falls, M. Leone,
Valley Falls.

Farnsworth, Will,
Portis.

Fawcett, Hazel,
Emporia.

Fields, Alta,
Alma.

Field, Hollie,
Quenemo.

Finley, Ethel I.,
Chautauqua.

Fitzpatrick, Helen,
Topeka.

Fitz Simmons, Ruby,
Westphalia.

Flanders, Ruby,
Spring Hill.

Flory, Mabel,
Howard.

Floyd, Sallie,
Topeka.

Foreman, Ethel,
Harper.

Fouts, Carrie B.,
Frankfort.

Fowler, Mary H.,
Parsons.

Frankforther, Ethel,
Concordia.

Frederickson, Otto,
Allen.

Freese, Theron,
Thayer.

French, Lea,
Ponca City, Okla.

Friend, Mary E.,
Emporia.

Friend, Sadie,
Emporia.

Fulghum, Fern,
Fredonia.

Fulton, Lois,
Towanda.

Gallagher, Alta,
Chanute.

Gallagher, Lola,
Hoxie.

Gallagher, Margaret E.,
Chanute.

Gamber, Edith,
Liberal.

Gambill, Kathryn,
McCune.

Gambill, Marcus B.,
McCune.

Gardner, Grace,
Hartford.

Garrison, Myrtle,
Waverly.

Gerlt, Sophia Ellen,
Proctor.

Gerren, Virginia,
Kansas City, Kan.

Gfeller, Alice,
Burns.

Gift, Ada,
Smith Center.

Giles, Chas. H.,
Cherryvale.

Gill, Eva,
Beloit.

Gillman, Gertrude,
Pratt.

Ginn, Elva,
Wellington.

Goes, Xenia Julia,
Gas.

Good, Elsie M.,
Cimarron.

Goodrich, Callie,
Norman, Okla.

Grant, Gertie,
Rosalia.

Grant, Okellan,
Topeka.

Graves, Johnnie Mae,
Elk City.

Graves, Roscoe,
Emporia.

Griffith, Kathryn C.,
Hill City.

Grubb, Laura S.,
Phillips.

Gunn, Ida Kathryn,
Ottawa.

Hail, Ruth M.,
Emporia.

Hall, Dessie,
Junction City.

Hall, Myrtle Viola,
Cherryvale.

Hall, Nellie,
Emporia.

Halstead, Poiteau B.,
VanWert, Iowa.

Hamill, Nell,
Greenvale.

Hanna, Sadie,
Dodge City.

FRESHMEN—*continued.*

Hannon, Cora,
Rosedale.

Hanselman, Dorothy,
Burrton.

Hanselman, Frances,
Burrton.

Hardy, Lida,
Topeka.

Hargett, Helen,
Emporia.

Harris, Carlilene,
Eudora.

Harris, Hazel,
Emporia.

Harrison, Grace M.,
Emporia.

Hasper, Dorothy,
Hartford.

Haynes, Ruthe,
Topeka.

Hays, Louella,
Ottawa.

Hege, Helen,
Emporia.

Hemphill, Katherine,
Norton City.

Henderson, Gladys,
Meriden.

Henry, Mary,
Cherryvale.

Hess, Blanche,
Fredonia.

Hill, Jessie,
Fredonia.

Hill, Laura,
Belleville.

Hinkle, Alice,
Emporia.

Hirschler, Arthur E.,
Hillsboro.

Hitchcock, G. C.,
Tescott.

Hockens, Evalene,
Arrington.

Hogue, Charles,
Leon.

Hollingsworth, Grace,
McPherson.

Holmes, Morton,
Baldwin.

Holmes, Vera,
Emporia.

Holton, Ethel,
Miltonvale.

Hoover, Lucille,
Burlingame.

Hostick, Berta,
Lebo.

Hough, Nada June,
Lawrence.

Houts, Blanche,
Hiawatha.

Howard, Edith,
Cherryvale.

Howard, Irene,
Burrton.

Howe, Margaret,
Burlington.

Howell, Bessie,
Waverly.

Hubbard, Alice Ethel,
Ottawa.

Hudson, Jewell,
Emporia.

Hunsaker, Lucy,
Mulvane.

Hurst, Myrtle Juanita,
Wichita.

Hutchings, Sara,
Emporia.

Hutchison, Bena,
Scranton.

Hybskman, Josephine,
Centralia.

Ingersoll, Elizabeth,
Kirwin.

Ingham, Blanche,
Fort Scott.

Isaacs, Leroy,
Holton.

Jackson, Marjorie,
Emporia.

James, Effie,
Topeka.

James, Haddon,
Emporia.

James, Maurice,
Madison.

Jeremy, Ruth,
Emporia.

Jevons, Beulah H.,
Wakefield.

Johnson, Esther,
Yates Center.

Johnson, Jessie Ruth,
Kingman.

Johnson, Mary E.,
Dwight.

Johnson, Nanette,
Emporia.

Johnson, Rhena,
Guthrie, Okla.

FRESHMEN—*continued.*

Johnson, Ruth Anna,
Guthrie, Okla.

Johnson, Sadie B.,
Le Roy.

Jones, Edith,
Burrton.

Jones, Fanny May,
Mankato.

Jones, Helen,
Emporia.

Jones, Iowa,
Beattie.

Jones, Nellie E.,
Osawatomie.

Jones, Ruth V.,
Lebo.

Jones, Zell M.,
Yates Center.

Jordan, Beulah,
Jewell City.

Jordan, Elizabeth B.,
Wichita.

Kahler, Mary M.,
Wamego.

Kallemeyn, Mildred,
Frankfort.

Katsuizumi, Sotokichi,
Tsubaba, Japan.

Keck, Eunice,
Neodesha.

Keenan, Marie,
Herington.

Keeney, Rose,
Pawnee Station.

Kennedy, Goldie,
Holton.

King, Maud,
Plainville.

King, Ruth M.,
Lincoln.

Kirk, Edna,
Flint Ridge.

Kitch, Mollie,
El Dorado.

Kitchen, Candace,
Osawatomie.

Kittell, Carrie Parrish,
Emporia.

Kizler, Ida,
Hillsboro.

Klamet, Edna,
Tonganoxie.

Klipharat, Clara,
Randolph.

Knowlton, Myrtle,
Iola.

Lamb, Errett,
Yates Center.

Lane, Belle Miller,
Kingman.

Lanning, Leonor,
Tonganoxie.

Lappin, Lulu Beatrice,
Logan.

Larson, Mary E.,
Assaria.

Lee, Elta,
Norton.

Leslie, Mabel,
Anthony.

Lesslie, Jessie C.,
Independence.

Lewis, Anna,
Hiawatha.

Lewis, Cozy,
Columbus.

Lewis, Dennis M.,
Kingfisher.

Lewis, Edna,
Emporia.

Lewis, Frances,
Emporia.

Long, Ethel,
Murdock.

Long, Ida,
St. John.

Long, Ruth,
Neodesha.

Loveless, Inez,
Emporia.

Lowe, Jessie,
Kingman.

Loy, Nettella,
Americus.

Lynn, Alta May,
Soldier.

Lyon, Helen,
Lincoln.

McAllister, Norna,
Belle Plaine.

McBratney, Edyth,
Centralia.

McCarty, Leona,
Emporia.

McClary, Florence,
Sabetha.

McClelland, Clara E.,
Berryton.

McClelland, Grace,
Ottawa.

McClure, Ruth,
Emporia.

FRESHMEN—*continued.*

McCracken, Stella,
Overbrook.
McCullough, Ruth,
Emporia.
McDonald, Bertha,
Hartford.
McDonald, Hugh,
Severy.
McDowell, Sadie,
Emporia.
McFadin, Maud Glenna,
Richmond.
McGinty, Ruth,
Junction City.
McHenry, Blanche,
Rogers.
McIntosh, Benj. H.,
Lost Springs.
McIntosh, Jerome D.,
Marion.
McKay, Laura,
Longton.
McKee, Beatrice,
Havensville.
McKinley, Ruth,
Cawker.
McLean, Notie M.,
Peabody.
McMansen, Mable,
Manchester, Okla.
MacArthur, Emma,
Junction City.
MacElree, Harriet,
Newton.
Mahuron, Mrs. I. D.,
Garden City.
Malhorn, Minnie,
Walnut.
Mallicoat, Glenna,
Eureka.
Manley, S. Vinette,
Iola.
Mannix, Lenora,
Overbrook.
Marcelle, Mattie Birch,
Severance.
Marcum, Lena,
El Dorado.
Marshall, Sylvia,
Walton.
Martin, Ada,
Chanute.
Matter, Opal V.,
Washington.
Mauck, Dorothy,
Nelson.
Mauck, Ruth M.,
Nelson.
Mauck, Blanche D.,
Kansas City, Kan.
Maupin, Emma L.,
Stafford.
Maynard, Wilbert,
Emporia.
Means, Mary,
Hiawatha.
Mehl, Goldah,
Emporia.
Melbourne, Verda,
Kansas City, Kan.
Menehan, John,
Beattie.
Metz, Mary,
Eudora.
Meyer, Ida M.,
Kansas City, Kan.
Michaels, Hollis,
Emporia.
Miller, Eva,
Muscotah.
Miller, Fred L.,
Herington.
Miller, Mae,
Moline.
Miller, Willa,
Blue Rapids.
Mills, Ada,
Westmoreland.
Mitchell, Nelle,
Emporia.
Molesworth, Fred L.,
Emporia.
Monypeny, Wm.,
Hartford.
Moody, Gail H.,
Topeka.
Moody, Olive G.,
Topeka.
Moore, Amy,
Gardner.
Moutz, Gussie,
Dodge City.
Morgan, Elizabeth,
Emporia.
Morgan, Lois,
Walnut.
Morgan, Genevieve,
Muskogee, Okla.
Morril, Fred A.,
Emporia.
Morrow, Veneta,
Spearville.

FRESHMEN—*continued.*

Motes, Nora,
Scottsville.

Moyer, Bertha M.,
Emporia.

Mullinix, Geraldine,
Burlington.

Mullins, Ida,
Osawatomie.

Munro, Ethel M. N.,
Oakley.

Murphy, Andrew H.,
Latham.

Musch, Grace,
Elmo.

Mustard, Grace M.,
Sterling.

Myers, Oliver,
Emporia.

Myers, Ollie,
Yates Center.

Nanninga, Carrie,
Emporia.

Nanninga, Elizabeth,
Emporia.

Nanninga, Kathryn,
Emporia.

Nanninga, Tjaart,
Emporia.

Neely, Mary D.,
Pomona.

Negley, K. H.,
Hutchinson.

Neilson, Mary,
Mankato.

Neuber, Adele,
Milford.

Newland, M. Annie,
Hoxie.

Nichols, James F.,
Nortonville.

Nichols, Madge,
Leavenworth.

Nichols, Patty,
Danville.

Nincehelser, Nell,
Oskaloosa.

Noftsker, Minnie Louise,
Parsons.

Notie, Mae McLean,
Peabody.

O'Kane, Gene,
Leavenworth.

Oliver, Hazel,
Attica.

Oliver, Roxy,
Herington.

Osborne, Alice,
Burrton.

Owen, Gretta,
Concordia.

Owens, Hugh H.,
Chanute.

Parker, Grace,
Emporia.

Parker, Lora,
Bonner Springs.

Partridge, Harriet,
Macksville.

Paterson, Elizabeth,
Chanute.

Paterson, Mary V.,
Yates Center.

Patton, Fannie,
Topeka.

Payne, John Howard,
Emporia.

Pedigo, Jessie,
St. John.

Pelzell, Helen,
Harper.

Penner, Josenah R.,
De Soto.

Petermeyer, Viola,
Broughton.

Phillips, Mary,
Yates Center.

Pider, Madge,
Mankato.

Pine, Ferne,
Pleasanton.

Pinkerton, Marguerite,
Clay Center.

Pohl, Mamie,
White Cloud.

Porter, Alma,
Okmulgee.

Porter, Mary Correan,
Peabody.

Pospisil, Chas. W.,
Marion.

Price, Lena,
Grenola.

Pruett, Faye,
Larned.

Puliver, Grazella,
Abilene.

Pyles, Chloe Elizabeth,
Atchison.

Quick, Jessie D.,
Harveyville.

Ragin, Mabel,
Burlingame.

FRESHMEN—*continued.*

Ramsburg, Elsa,
Emporia.

Randall, H. E.,
Onaga.

Reardon, Elizabeth,
Tonganoxie.

Record, Grace M.,
Chanute.

Reddick, Edythe,
Emporia.

Reed, Clement Austin,
Burlington.

Reed, James Henry,
Lebo.

Rees, Mrs. Edith K.,
Downs.

Rees, William Gwyn,
Grantville.

Reeve, Juliet,
Hugoton.

Reilly, Madge,
Iola.

Reynolds, Clara,
Topeka.

Reynolds, Sadie,
Scranton.

Rhodes, Pearl,
Topeka.

Richards, Faye,
Emporia.

Richardson, Celia,
Moline.

Richardson, Nellie C.,
Kansas City, Kan.

Richey, Daniel,
Emporia.

Riesen, Helen,
Hillsboro.

Ringburg, Myrtle Evangeline,
Lindsborg.

Rishel, Warren C.,
Emporia.

Robbins, Esther,
Emporia.

Roberts, Edith,
Emporia.

Roberts, Grace,
Emporia.

Robinson, Edith,
Nebraska City, Neb.

Rogers, R. Anna,
Emporia.

Root, Esther L.,
Olathe.

Ross, Irving D.,
Cedar Vale.

Rowan, Clyde C.,
Buffalo.

Rowe, Mabel,
Garden City.

Rowe, Sarah,
Le Roy.

Rumbley, Blanche,
Chanute.

Rupp, Anna Bell,
Moundridge.

Sadlemire, Hazelle,
Topeka.

Sage, Lillian,
Richland.

Sandusky, Inez Lavaria,
Wichita.

Schlagle, Leslie,
Wolcott.

Schulthess, Lena,
Horton.

Scott, Ira O.,
Thayer.

Scott, Mabel,
Fort Scott.

Scoville, Nelle,
Ottawa.

Scranton, Bessie,
Syracuse.

Sailley, Florence,
Colony.

Settle, Eulalia,
Burlington.

Sexton, Vesta,
Abilene.

Shaff, Maude M.,
Grenola.

Sharpe, William,
Garden City.

Shewmaker, Ethel,
Bolikow, Mo.

Shewmaker, Letha D.,
Bolikow, Mo.

Shipherd, Matie,
Emporia.

Shively, Mabel,
Carbondale.

Shuey, Ray L.,
Emporia.

Shumate, Blanche,
Eskridge.

Shupe, Lyle,
Lost Springs.

Slagle, Merle C.,
Wheeler.

Sloan, Jennie A.,
Zenda.

FRESHMEN—*continued.*

Slocum, Myrtle,
Ensign.

Slocum, Pearl,
Ensign.

Slough, Glen S.,
Quincy.

Smercheck, Lillian,
Blue Rapids.

Smith, Agnes E.,
Herington.

Smith, Aletha,
Eureka.

Smith, Etta May,
Enterprise.

Smith, Hazel,
Enid.

Smith, Lee E.,
Muskogee, Okla.

Smith, Lida,
Emporia.

Smith, Mary,
Pratt.

Smith, Myrtle,
Enterprise.

Smith, Ona M.,
Lakin.

Smith, Ora,
Stockton.

Snider, Flora M.,
Abilene.

Snyder, Ora M.,
Cawker City.

Soper, Laura,
Emporia.

Sopher, Maude,
Topeka.

Spangler, Edna Mae,
Ness City.

Spence, Etta,
Greenleaf.

Spencer, Mrs. Elsie M.,
Almena.

Spencer, R. K.,
Cherryvale.

Spethmann, Mrs. Mame,
Garden City.

Sprague, Bessie,
Spearville.

Stannard, Clora Fay,
Emporia.

Starkweather, Anne,
Hill City.

Stedman, Goldie,
Emporia.

Starritt, Golda,
Fredonia.

Stedman, Pearl,
Emporia.

Steel, James Robert,
New Market, Iowa.

Stephenson, Herman H.,
Fredonia.

Stevenson, Naida,
Ashland.

Stevesson, Mae,
Liberal.

Stewart, Grace,
Salina.

Stilwell, Helen,
Eureka.

Stinnelt, Viola,
Muskogee.

St. John, Mabel,
Homewood.

Stone, Neva Bernice,
Barnes.

Stouder, Guy,
Syracuse.

Stout, Goldie M.,
Fredonia.

Stephenson, H. H.,
Fredonia.

Stevens, E. R.,
Cedar.

Stevesson, Edna,
Liberal.

Strain, Ethel,
Osage City.

Strawman, Jennie,
Emporia.

Summer, Olive,
Caney.

Supple, Marie,
Scranton.

Sutherland, Ada,
Osawatomie.

Sutton, Jessie K.,
Olathe.

Swayze, Alma,
Ashland.

Sweat, Geo. A.,
Humboldt.

Sweeney, Nauelon,
Arkansas City.

Talley, Lorraine,
Harper.

Talley, Pearl,
Harper.

Tholen, Amelia,
Humboldt.

Thomas, Dora,
Emporia.

FRESHMEN—*continued.*

Thomas, Nancy,
Louisburg.

Thompson, Olive,
Olathe.

Thompson, Wm. R.,
Brownell.

Tibbetts, Vera M.,
Westmoreland.

Tiefel, Beatrice,
Syracuse.

Tinkler, Rosa,
Gypsum.

Towles, Hester,
Topeka.

Townsend, Edna Mae,
Kansas City.

Townsend, Janie,
Girard.

Travis, Ella F.,
Iola.

Triplett, Roger,
Emporia.

Trowbridge, Clara E.,
Yates Center.

Trusdale, Grace,
Emporia.

Trusdale, J. W.,
Council Grove.

Tucker, Lulu,
Reading.

Van Campen, Harry,
Linn.

VanDuser, Florence Beth,
Fredonia.

VanNordstrand, Katie,
Le Roy.

Vaughn, Birdie,
Muskogee, Okla.

Vesper, Ruth,
Newton.

Villars, Joy,
El Dorado.

Wade, Adah,
Emporia.

Waechter, Mary,
Hartland.

Wagner, Edith,
Ellsworth.

Walker, Rachel,
Concordia.

Wallace, Harry D.,
Waverly.

Ward, Cora Voy,
Newton.

Warner, Ione,
Burlingame.

Warner, Mabel,
Tecumseh.

Warner, Ruby,
Burrton.

Washburn, Jas. H.,
Bennington.

Washburn, Retta,
Turon.

Waterman, Florence,
Florence.

Wayland, Edith,
Girard.

Weatherly, Marie,
Emporia.

Weaver, Roland S.,
Beattie.

Weber, Iola R.,
Mayfield.

Wedell, Emma,
Emporia.

Wells, Emily,
Fort Scott.

Wemmer, Lois K.,
Princeton.

Wentz, Effie,
Burlington.

West, Hazel,
Bronson.

West, Jessie A.,
Uniontown.

Wheat, Mary V.,
Allen.

White, Ella B.,
Corning.

Whiteside, Orabelle,
White Cloud.

Whitney, Frank Ivan,
Emporia.

Whitten, Mae,
Marysville.

Wiles, Jennie M.,
Canton.

Wiley, Beulah,
Olathe.

Wilhite, Esther,
Emporia.

Wilkins, LaFaun,
Liberal.

Williams, Elizabeth,
Emporia.

Williams, Lois,
Osawatomie.

Williams, Viola,
Leavenworth.

Wishard, Opal,
Emporia.

FRESHMEN—*concluded.*

Withers, Helen,
Bronson.

Withers, Ruth,
Bronson.

Wolfe, Odd,
Lyndon.

Wollick, Vesta B.,
Effingham.

Wood, Laura,
Liberal.

Woodward, Faye,
Richland.

Wooster, Vera,
Erie.

Wristen, Allabelle Caroline,
Dighton.

Secondary.

SENIORS.

CANDIDATES FOR DIPLOMA.

Austin, William,
Emporia.

Baldwin, Clint,
Cottonwood Falls.

Blackwood, Minnie,
Emporia.

Blackwood, Isaac,
Emporia.

Bond, Opal.
Emporia.

Boswell, Evalyn,
Agricola.

Bradshaw, Edward,
Altoona.

Branscom, Gladys Mae,
Emporia.

Brown, Earl,
Attica.

Brown, Harry H.,
Piqua.

Buchman, Joseph D.,
Council Grove.

Buck, Andy E.,
Shaw.

Carey, Lloyd,
Reading.

Clements, Floyd,
Chanute.

Colwell, Myrtle,
Emporia.

Cosand, George S.,
Cuba.

Cross, Mary Ethel,
Emporia.

Delander, Clara,
Kinsley.

Dimon, Charles A.,
Woodston.

Dixon, John A.,
Leon.

Doran, May,
Emporia.

Dawden, Abigail Wallace,
Emporia.

Edwards, Hugh F.,
Hamilton.

Elliott, Bertha,
Emporia.

Elliott, Mary Margaret,
Emporia.

Englund, Sigrid,
Falun.

Everley, Mary Lieurena,
Emporia.

Fickel, Walter E.,
Agenda.

Frye, Ada May,
Emporia.

Fry, Edna,
Burlington.

Funk, Cornelius H.,
Hillsboro.

George, William H.,
Hiawatha.

Gordon, Jennie Mae,
Emporia.

Graham, Avis M.,
Neodesha.

Hagge, Mrs. Elizabeth,
Pleasanton.

Hall, Nora M.,
McPherson.

Haney, Kathryn,
Fontana.

Hendrickson, Irl A.,
Emporia.

Hewson, Bertha,
Larned.

Hinchman, William J.,
Virgil.

SENIORS—*continued.*

Hirschler, Walter A.,
Hillsboro.

Hoerman, Freda,
Linn.

Houts, Grace,
Hiawatha.

Howard, Hazel Margaret,
Emporia.

Howard, Nora Catharine,
Cherryvale.

Hunt, Roy C.,
Narka.

Hutchings, Clara C.,
Emporia.

Iden, Gaye,
Gove.

Johnson, Nanette Florence,
Kansas City, Kan.

Jones, Cora B.,
Emporia.

Jones, Sylvia Victoria,
Emporia.

Klinefelter, Ada Irene,
Cherryvale.

Lemon, Gladys Fay,
Parker.

Lewis, Benjamin,
Emporia.

Lock, Lora M.,
Emporia.

Loevenguth, J. C.,
Udall.

Loveridge, Ethel Grace,
Emporia.

Lynn, Fred H.,
Neosho Falls.

McCollum, Beatrice Montez,
Santa Fe.

McCollum, Lenora H.,
Santa Fe.

McCollum, Walter Altemont,
Santa Fe.

McDowell, Ruth Evalyn,
Emporia.

Malhorn, Helen,
Walnut.

Mauck, Gladys Ramona,
Emporia.

Meairs, Clifford,
Dodge City.

Miller, Albert R.,
Bonner Springs.

Minner, Lucy M.,
Soldier.

Moody, Leora E.,
Riley

Murphy, Marian,
Emporia.

Myers, Walter G.,
Hamilton.

Nelson, Effie,
Vesper.

O'Connor, Hanna,
Blaine.

Paxton, Mildred,
Emporia.

Pegram, Malinda,
Virgil.

Pfaff, Chris,
Hazelton.

Pierson, Wren William,
Burlington.

Pocock, E. C.,
Waverly.

Prather, Nellie R.,
Protection.

Pringle, Margaret Monroe,
Rose.

Prowant, Vernie May,
Quay, Okla.

Rankin, Louisa Evaline,
Emporia.

Rieniets, G. C.,
Pratt.

Rieniets, Louise,
Pratt.

Robertson, Millie Lowdan,
Emporia.

Rogers, Alice I.,
Emporia.

Rothrock, M. Reba,
Culver.

Rundus, Amos J.,
Munden.

Rundus, Benjamin A.,
Munden.

Russell, Edward,
McPherson.

Saueressig, Gracie May,
Emporia.

Scott, Stanley R.,
Oakley.

Shires, Nellie Mabel,
Emporia.

South, Jay,
Kansas City, Kan.

Spencer, Barclay A.,
Emporia.

Stark, Marion F.,
Elk City.

Still, Stella Jane,
Tonganoxie.

SENIORS—*continued.*

Stine, Ella,
Vermilion.

Stout, Elsie Pearl,
Emporia.

Sylvester, Ida M.,
Riley.

Taylor, Mrs. Margaret,
Emporia.

Thomas, Perry Hayden,
Fort Dodge.

Thomas, Ruth,
Narka.

Thomas, William H.,
Narka.

Trusler, Ivan H.,
Emporia.

Waite, Bessie Ann,
Emporia.

Wallace, Henry C.,
Toronto.

Watkins, Ethel M.,
Mont Ida.

Ward, Vannie E.,
Emporia.

Weatherly, Albert H.,
Emporia.

Weaver, Cecil Josephine,
Topeka.

White, Robert Carl,
Emporia.

Williams, Gladys Owen,
Emporia.

Wilson, Helen Isabella,
Parker.

Zavodsky, Elmer E.,
McFarland.

NOT CANDIDATES FOR DIPLOMA.

Barnes, Cyrus C.,
Emporia.

Bartsch, Paul Wilhelm,
Newton.

Baugh, Ethel A.,
Emporia.

Becker, Paul,
Emporia.

Behmer, Carl,
Hamilton.

Behmer, Earl,
Hamilton.

Billings, LaVerna,
Florence.

Bigger, Edward,
Burlingame.

Black, Georgia,
El Dorado.

Boone, Esther,
Emporia.

Boughton, Nellie,
Emporia.

Brandt, Martha,
Emporia.

Brandt, Myrtle,
Morland.

Brewster, Ava,
Thayer.

Brown, Almeda,
Abilene.

Bullock, Blanche,
Emporia.

Carpenter, Floy,
Solomon.

Charles, Cora B.,
Stafford.

Chillson, Etta,
Alma.

Cole, Richard,
Emporia.

Crabb, Harvey A,
Dover.

Cunningham, Leda,
Emporia.

Czapanskiy, Lucy A.,
Aurora.

Daniel, Sue,
Sycamore.

Dent, Carl,
Council Grove.

Dewey, Delmer R.,
Earlton.

Dimon, Charles A.,
Stockton.

Donaldson, Hazel,
Garnett.

Dowd, Mary,
Blaine.

Edwards, Clay,
Chanute.

Edwards, Irma,
Hartford.

Eldridge, Marion A.,
Ottawa.

Ellis, Evelyn,
Emporia.

Evans, W. E.,
Mulvane.

Fagan, Elizabeth,
Reading.

Fisher, Bessie M.,
Cedar Vale.

SENIORS—*continued.*

Fisher, Elizabeth,
Norwich.

Frazier, Alta,
Independence.

Freeland, Mary Goodrich,
Reno, Okla.

Frost, Alma V.,
Anthony.

Gay, Katie B.,
Stafford.

Goodier, Myrtle L.,
Oakley.

Gorman, John M.,
Neosho.

Hall, Clifford,
Emporia.

Hanson, Lida,
Lafayette.

Hargett, Ray,
Emporia.

Henderson, Ed,
Girard.

Howard, Ida,
Hutchinson.

Hull, Daisy B.,
El Dorado.

Iden, Joye,
Gove.

Johnson, Egbert G.,
Pratt.

Jones, Karl,
Chanute.

Jones, Elizabeth,
Emporia.

Keys, Kathryn May,
Sterling.

Lankton, Cora,
Le Roy.

Lehmer, Edith,
Americus.

Lichty, Florence,
Merrill,

Lindland, Laura,
Oakley.

Lipper, Margaret,
Darlow.

Linss, Laura,
Alma.

Longfellow, Ettie,
Emporia.

Loy, Florence,
Americus.

Lull, Floyd E.,
Lebanon.

McCants, Hallie,
Emporia.

McKinley, Clara,
Belle Plaine.

Malmgren, Ruth,
Falun.

Marolf, Henry,
Wathena.

Martin, Mrs. Rufina,
Dighton.

Mendell, Ira S.,
Colony.

Moody, Gertrude,
Louisburg.

Moore, Muriel,
Louisburg.

Nichols, Mrs. Mary E.,
Garden City.

Officer, Earl,
Emporia.

Patrick, Euna,
Howard.

Pike, Lura L.,
Syracuse.

Ptacek, Ernest,
Emporia.

Reed, Philadelphia,
Topeka.

Reeves, Ada D.,
Sapulpa, Okla.

Rogers, Gertrude,
Burr Oak.

Rommel, Nellie L.,
Waterville.

Rumsey, Florence M.,
Emporia.

Savage, Maude,
Durham.

Shanahan, Katherine,
Salina.

Sheets, E. Cora,
Abilene.

Soper, Austin,
Emporia.

Stevens, Nora K.,
Emporia.

Strayer, Hubert,
Mahaska.

Sutcliff, R. M.,
Mankato.

Thomas, Hazel L.,
Waterville.

Thompson, Jessie,
Wellington.

Thrift, Edna,
Chetopa.

Titus, Albert,
Sycamore.

SENIORS—*concluded.*

Tomlinson, J. R.,
Grenola.

Tomlinson, Mabel,
Grenola.

Van Nice, Fred,
Richland.

Vanordstrand, Court K.,
Haven.

Vogel, Roy,
Easton.

Ward, Vannie,
Emporia.

Williams, Laura,
Fairmount.

Wilson, Molly,
Emporia.

Woodward, Bertha,
Muscotah.

Young, Winnifred,
Long Island.

JUNIORS.

Adkinson, O. P.,
Brownell.

Alden, Orpha,
Emporia.

Austenfeld, Theresa M.,
Emporia.

Barber, Edith,
Atchison.

Bare, Lilian,
Ottawa.

Bishop, Lillian,
Emporia.

Blackwood, Isaac,
Emporia.

Blackwood, Minnie,
Emporia.

Booken, Hazel,
Emporia.

Boswell, Evalyn,
Agricola.

Bowman, M. E.,
Benedict.

Bradshaw, Edward,
Altoona.

Branscom, Mae,
Emporia.

Briery, Ella,
Osborne.

Brim, Grace,
Emporia.

Brown, Albert G.,
Pomona.

Bruce, Isabelle,
Dodge City.

Buchman, Joseph D.,
Council Grove.

Burlingame, Enid,
Muskogee.

Carey, Lloyd,
Reading.

Carter, Eva,
Harveyville.

Carter, Mary I.,
Minneola.

Charles, Roscoe,
Stafford.

Chesney, Hetty,
Lecompton.

Clark, Lucile,
Wichita.

Cleland, Alice,
Emporia.

Clements, Floyd,
Chanute.

Connolly, Minnie,
El Reno.

Cornell, E. Ruth,
Wakefield.

Crandall, Blanche,
Barnes.

Cross, Ethel,
Emporia.

Cummins, Arthur,
Hartford.

Deardon, Bella,
Mayetta.

DeLander, Clara,
Kinsley.

Delfs, Anna Belle Elizabeth,
Americus.

Denny, Etta A.,
Burlingame.

Doherty, Inez,
Durham.

Duer, Myrtle,
Langdon.

Ecker, Iva,
Ramona.

Eichenberger, Ruth,
Pomona.

Eisenbeis, Maggie,
Blaine.

Elliott, Jean,
Emporia.

JUNIORS—*continued.*

Elliott, Maymie Camile,
Emporia.

Ellis, Sibyl,
Emporia.

Engle, Lowell,
Emporia.

Fletcher, Mary Elizabeth,
Bucklin.

Followell, Maud,
Goff.

Fox, Eva,
Emporia.

Freeman, Julia,
Simpson.

Friend, Sarah,
Emporia.

Fritz, Ethel E.,
Circleville.

Fulk, Fred,
Longton.

Gammill, Maye,
Downs.

Gardner, Dora,
Tampa.

Gastineau, Lura,
Independence.

Geelan, Carrie,
Lecompton.

George, Wm. Henry,
Hiawatha.

Givin, George,
Emporia.

Gordon, Jennie,
Emporia.

Granger, Chas. M.,
Portis.

Grundy, Ruth A.,
Wichita.

Gunzelman, Goldie May,
Emporia.

Hall, Carrie,
Dodge City.

Harr, Mabel,
Emporia.

Haworth, Freida,
Emporia.

Hayden, Ferve S.,
Elmdale.

Hays, Georgia,
Emporia.

Haynes, Alvin,
Emporia.

Haynes, Henrietta,
Emporia.

Haynes, Marie,
Emporia.

Herndon, Victor E.,
Dwight.

Henderson, Josie,
Garnett.

Hendrickson, Irl,
Emporia.

Hillier, Louise,
Fulton.

Hitchens, Perry,
Burlington.

Hoback, Athel,
Girard.

Hoerman, Freda,
Linn.

Honn, Blanche A.,
Uniontown.

Householder, Lora,
Bucyrus.

Houts, Grace,
Hiawatha.

Howard, Hazel,
Emporia.

Hoyt, Stella,
Reading.

Hughes, John,
Dunlap.

Humbarger, Esther,
Salina.

Hunt, Walter T.,
Parsons.

Hurley, Genevieve,
Meriden.

Hymer, Gertrude,
Belle Plaine.

Ireland, Neal D.,
Florence.

James, Margaret,
Emporia.

James, Ruth,
Mapleton.

Jarrett, Beth,
Chanute.

Jay, Hazel Leota,
Peru.

Jones, Hazel,
Emporia.

Kappelman, Otto,
Linn.

Kennedy, Sadie,
Kenneth.

Keys, Mattie B.,
Sterling.

King, Edna Fay,
Emporia.

Kirkpatrick, Laura,
Emporia.

JUNIORS—*continued.*

Kitchen, Martha,
Osawatomie.

Kliever, Katheryn,
Newton.

Knisely, Carrie,
La Cygne.

Knisely, Cora,
La Cygne.

Krueger, Carrie,
Bison.

Krueger, Lottie,
Leavenworth.

Kuller, Avis Myra,
Emporia.

Lamb, Leola M.,
Dunlap.

Lanning, George,
Haven.

Lapham, Elizabeth,
Emporia.

Lesslie, Myrta E.,
Frankfort.

Lewis, Elizabeth,
Emporia.

Lilly, Myrtle,
Wayne.

Lippe, Gertrude,
Miltonvale.

Lockman, Claudsley,
Dodge City.

Loevenguth, Oscar,
Udall.

Lyness, Bessie,
Walnut.

McCarty, Lewis N.,
Parker.

McConnell, Edith E.,
Council Grove.

McConnell, Mabel C.,
Cherryvale.

McCullough, Eunice,
Emporia.

McCullough, Hazel,
Emporia.

Madden, Gaylord,
Emporia.

Main, Amie,
Stafford.

Mallary, Elsie,
Emporia.

Marx, Mabel,
Emporia.

Meairs, Clifford,
Dodge City.

Mehl, George,
Emporia.

Mercer, Mrs. Zora,
Cottonwood Falls.

Merilatt, Elizabeth E.,
Ramona.

Merrill, Mary Belle,
Le Roy.

Moore, Emma Lorena,
Stafford.

Muir, Carl,
Liberal.

Myers, Edith,
Hamilton.

Nolte, Mrs. Adar,
Healy.

Orsbourn, Ethel,
Wellsville.

Owens, Maude,
Toronto.

Parker, Ada,
Emporia.

Patrick, Herman,
Howard.

Patterson, Wayne,
Emporia.

Pattie, Mark,
Garnett.

Pearson, Frank,
Emporia.

Pegram, Malinda,
Virgil.

Pennington, Thomas,
Winfield.

Percival, Vesta,
Hoxie.

Peterson, Gilvert,
Delavan.

Pottorff, Jasper,
Severy.

Ptacek, Leo D.,
Emporia.

Puckett, William D.,
Burdett.

Putnam, Bess,
Admire.

Railsbeck, Katherine,
Langdon.

Ramseyer, Katharine,
Emporia.

Rankin, Louisa Evaline,
Emporia.

Rice, Merton N.,
Marion.

Richman, Willie,
Earlton.

Riley, Le Roy,
Paola.

JUNIORS—*concluded.*

Riley, Altha,
Grenola.

Riley, Josie,
Grenola.

Robinson, H. May,
Collinsville, Okla.

Rochat, Ralph,
Council Grove.

Ross, Evelyn,
Ness City.

Rothrock, Reba M.,
Culver.

Rundus, Amos,
Munden.

Samuel, Ralph,
Emporia.

Sauerèssig, Ivy,
Emporia.

Schooler, Beulah,
Hiawatha.

Seaman, O. W.,
Osborne.

Sellers, Zelma,
Grenola.

Sexton, Lillie,
Abilene.

Shaver, Mable,
Republic.

Shires, Nellie,
Emporia.

Sievert, Adah,
St. John.

Simons, Mabel,
Geuda Springs.

Sloyer, George,
Emporia.

Spencer, Barclay,
Emporia.

Stark, Marion,
Elk City.

Starr, Emma J.,
Highland.

Steckel, Ida,
Woodbine.

Steckel, William,
Woodbine.

Stevens, Nora Kathryn,
Emporia.

Stiensmeyer, Florence,
Leavenworth.

Stogdill, Teresa,
Concordia.

Stout, Elsie,
Emporia.

Thomas, Mable Frances,
Blaine.

Thompson, Mabel,
Emporia.

Tibbals, Hattie,
Emporia.

Umbarger, Cora,
Newton.

Vance, Ava M.,
Selden.

Walker, Hazle,
Emporia.

Wallace, Henry,
Toronto.

Warren, Clinton F.,
Emporia.

Watkins, Ethel,
Mont Ida.

Wayland, Jon G.,
Girard.

Weaver, Josephine,
Topeka.

Weber, Chas.,
Waterville.

Wenger, Marie,
Junction City.

Wahley, Mrs. E. W.,
Clarksville.

White, Jamie,
Leoti.

Wieland, Clara,
Hartford.

Williams, Bessie E. M.,
Speed.

Williams, Sarah E.,
Scotland, Ga.

Wilson, Marie,
Emporia.

Winston, Anna,
Lawrence.

Worswick, Jessie,
Lawrence.

York, Iva,
Lost Springs.

Young, Eva,
Bushong.

Young, Leslie,
Bushong.

SOPHOMORES.

Adams, Dollie,
La Harpe.

Alexander, Blanche,
Garnett.

Amphlett, Anna,
Neodesha.

Anderson, Emma,
Vesper.

Ard, Viva,
Allen.

Austenfeld, Mary,
Emporia.

Austin, Gertrude,
Emporia.

Ayres, Estella,
Hillsdale.

Baptist, Leona,
Emporia.

Berg, Hanna G.,
Mankato.

Blank, Karl E.,
Emporia.

Bolan, Linda,
Olivet.

Boots, Grace M.,
Farlinville.

Borror, Nora A.,
Westphalia.

Bowman, Carl A.,
Benedict.

Brent, Isavelle,
Leon.

Briggs, Esther,
Sedan.

Briley, Harry L.,
Chanute.

Brinkman, Justina,
Olpe.

Brooks, Beatrice,
Gridley.

Brooks, Nina,
Gridley.

Broughton, Hannah,
Mulvane.

Brown, Elizabeth,
Emporia.

Brown, Luvenia,
Topeka.

Calkins, Elma,
Olivet.

Carlile, Amos Benjamin,
Mound City.

Carr, Sylvia,
Emporia.

Chitty, Clarence,
Emporia.

Clark, Lois,
Sawyer.

Clawson, H. R.,
Ransom.

Clements, Ora,
Chanute.

Clow, Raymond,
Emporia.

Cole, Harry Julius,
Emporia.

Coleman, Edna,
Emporia.

Concannon, Anna,
Emporia.

Cook, Cecile,
Woodson.

Cook, Wm. McCarty,
Leavenworth.

Coventry, Blanche M.,
Bazine.

Cox, Gertrude Mabel,
Emporia.

Crane, Florence Annie,
El Dorado.

Cushman, Robert,
Emporia.

Davis, Gladys,
Emporia.

Davis, Lelia,
Bucklin.

Davis, Olive,
Emporia.

Davis, Olive Lodoska,
La Cygne.

Drake, Henrietta,
Piedmont.

Driscoll, Teresa,
Glasco.

Duffey, Ruth,
Elmont.

Durrin, May,
Altoona.

Eastman, Florence,
Matfield Green.

Eastman, Jessie,
Matfield Green.

Eaton, Golda,
Emporia.

Ellison, Myrtle,
Cunningham.

Fallis, Susan Erma,
Dighton.

Fawl, Atha,
Overbrook.

Fawl, Edna,
Overbrook.

SOPHOMORES—*continued.*

Finley, Adin,
Emporia.

Finnerty, Anna,
Hartford.

Fisher, Lillie Luceba,
Cedar Vale.

Fox, James,
Emporia.

Fromm, Karl,
Elmo.

Gates, Altha,
Pratt.

Gaylord, Marjorie,
Protection.

Gee, Willis,
Emporia.

Giffin, F. R,
Centerville.

Gibman, Pearl,
Emporia.

Godsey, Earl,
Emporia.

Gordon, Mildred,
Jefferson.

Granger, Elfa,
Meade.

Greenlee, John J.,
Emporia.

Griblen, Mildred,
Virgil.

Griffith, Jno. T.,
Severy.

Hall, Della,
Powhattan.

Hall, Estella,
Atlanta.

Hall, Mrs. Mary J.,
Emporia.

Harder, Elvina,
Dunlap.

Hardin, Glen T.,
Emporia.

Hedlin, Agnes Eleanor,
Lindsborg.

Heglin, Emma,
Superior, Neb.

Hendrickson, Floyd,
Emporia.

Hensley, E. D.,
Emporia.

Hindman, Hattie,
Leloup.

Hodges, Carrie,
Emporia.

Hoffman, Olive,
Altoona.

Holmes, Glen,
Emporia.

Hood, Marie,
Tescott.

Honn, Pearl Jennie,
Uniontown.

Hooker, Violet,
Emporia.

Hoyt, Esther,
Reading.

Huenergardt, Irma Edith,
Oswego.

Ingels, Nannie,
Parsons.

Ingle, Anna Mae,
Overbrook.

Janeway, Bertha L.,
Muskogee, Okla.

Jaquith, John,
Americus.

Jensen, Beonard,
Emporia.

Jensen, John,
Emporia.

Jones, Vera Dell,
Quincy.

Judy, Evelyn Leola,
Williamstown.

Kelley, Jene,
Cuba.

Kilbridge, Irene,
Emporia.

Kirkpatrick, Ethel,
Montrose.

Kirkpatrick, Florence,
Montrose.

Kittell, Mrs. W. E.,
Emporia.

Kittell, Willetta,
Emporia.

Koenig, Hettie,
Olpe.

Konantz, Herbert,
Emporia.

Krueger, Edith,
Bison.

Kufus, Leona,
South.

Kunz, Homer Marion,
Emporia.

Kuy, Kendall Elsie,
Osage City.

Laird, Hazel,
Emporia.

Laird, Homer,
Emporia.

SOPHOMORES—*continued.*

Lambdin, Lizzie J.,
Savonburg.

Lanterman, Emma,
Atlanta.

Liggett, Lois Mae,
Rosalia.

Loeffler, Laura,
Linn.

Lowman, Fanny,
Cedar Point.

Ludwig, Mary,
Cedar Point.

Lusk, Elsie,
Emporia.

Lusk, Sarah,
Olivet.

Lyddane, Mary,
Eskridge.

McCarroll, Mabel,
Codell.

McClure, Faye,
Grenola.

McCutcheon, Nellie May,
Emporia.

McDonald, Ella,
Hartford.

McKay, Fern,
Thayer.

McNeely, Etta,
Emporia.

Mace, Addie,
Beloit.

Marx, Bessie,
Emporia.

Matherny, Della,
Russell Springs.

Mayer, Grace,
Emporia.

Merrill, Frank,
Le Roy.

Messick, Alderson,
Emporia.

Meyer, Elmer Edward,
Linn.

Meyer, Edith E.,
Riley.

Miller, Clara,
New Ulysses.

Miller, Deane Daisy,
New Ulysses.

Miller, Ralph H.,
Thayer.

Miller, Vernon H.,
Rantoul.

Mills, Edith,
Emporia.

Mohler, Eva M.,
Dillon.

Moneypenny, Mabel Agnes,
Hartford.

Moore, Blanche,
Gridley.

Moore, Durward W.,
Stockton.

Moore, Ruth E.,
Emporia.

Morehead, Della,
Louisburg.

Morton, Mary Katherine,
Fall River.

Murray, Ora,
Emporia.

Myers, Grace Adelle,
Cedar Vale.

Norton, Alfia,
Haviland.

Norton, Zella,
Haviland.

Oakley, May Lillian,
Parker.

Oliger, A. L.,
Emporia.

Orsbourn, Gladys,
Emporia.

Payne, Lulu,
Howard.

Payne, Zella,
Howard.

Pearsall, Keith,
Santa Fe.

Plummer, Jno.,
Emporia.

Powers, Mary E.,
Emporia.

Prescott, Russell,
Emporia.

Price, Arthur L.,
Emporia.

Price, Manford,
Emporia.

Pughe, Margaret,
Emporia.

Purkey, Albert,
Hoyt.

Randle, Josephine,
Riley.

Rankin, J. O.,
Emporia.

Ray, Ella L.,
Atlanta.

Ray, Orlye M.,
Atlanta.

SOPHOMORES—*continued.*

Raymond, Jesse C., Haven.
Read, Carrie, Homewood.
Reough, Ethel, Burns.
Rees, Irma, Emporia.
Reesoe, Edna, Kinsley.
Reppert, J. C., Codell.
Retschlag, Ernest, Emporia.
Richards, Marvin, Howard.
Robinson, Ina, Melvern.
Rochford, Jennie M., Emporia.
Rollwitz, Wilhelm, Independence.
Rosacker, Joe, Emporia.
Rost, Fred H., Wauneta.
Ruehlen, Forest W., Plains.
Rufi, John, Urbana.
Rutherford, E. B., Emporia.
Scott, Naomi, Kansas City, Kan.
Seacat, Dona, Ashland.
Sedgwick, Grace, Reading.
Sellers, Mamie, Grenola.
Shelley, May E., Kingman.
Sickler, Edna, Emporia.
Simpson, Harold, Emporia.
Slack, Mary, Council Grove.
Sloan, Nettie, Beloit.
Smiley, Laura, Silver Lake.
Smith, Irl, Kincaid.
Smith, Lizzie, Summerfield.
Smith, Ray L., Washington.
Smith, Russell J., La Harpe.
Smith, Sam J., Florence.
Smith, Vera Blake, Sharon.
Smith, Winnie, Minneapolis.
Smythe, Hazel, Glasco.
Snyder, M. Harriet, Potwin.
Soudker, Laura Louise, Barnes.
Spence, Millie, Greenleaf.
Spencer, Ambrose, Emporia.
Spencer, Florence, Richmond.
Spotts, Hazel V., Tecumseh.
Stafford, Bonzetta, Emporia.
Stewart, Augustine, Lawrence.
Stine, Ella, Elma.
Strong, Ella, Mt. Hope.
Strube, Agnes, Emporia.
Strutzel, Martha, Olpe.
Strutzel, Theresa, Olpe.
Thudium, Alberta, Emporia.
Tipton, Della, Morehead.
Tomlin, Ethel, Conway Springs.
Tomlin, Hazel, Conway Springs.
Unruhe, Russell, Fall River.
Vandewall, Lettia, Nicodemus.
Vaughn, Beulah, Emporia.
Wachter, Mary, Emporia.
Wadsworth, Lelie, Wellington.

SOPHOMORES—*concluded.*

Wallace, Ethyl,
Emporia.

Watts, Blanche Anna,
Council Grove.

Watts, Myrtle,
Burlington.

Waugh, Sallie,
Olivet.

Waymire, Florence Marie,
Madison.

Wernitch, Margaret,
Davis City.

Werther, Della V.,
Ashton.

Whaley, Cora,
Olivet.

White, Fred,
Toronto.

Whitehouse, Ada,
Eskridge.

Whittemore, Bertha,
Emporia.

Williams, Birdie,
Osawatomie.

Williams, Vivien,
Emporia.

Williamson, Esther,
Emporia.

Wishard, Ula,
Emporia.

Woodruff, A. E.,
Ames.

Wright, M. O.,
Dwight.

FRESHMEN.

Adams, Agnes Louise,
Langdon.

Adams, Herbert Hill,
Langdon.

Adams, Ruth,
French.

Akin, Florence,
Richmond.

Allen, Anna Byrdsley,
Council Grove.

Allen, Henry,
Washington.

Allen, Lillian,
Emporia.

Allen, Viola,
Kilso.

Altus, Bessie,
Emporia.

Anderson, Ada F.,
Homewood.

Anderson, Beatrice,
Emporia.

Anderson, Helen E.,
Narka.

Anderson, Janet,
Osage City.

Anderson, Louis,
Plevna.

Anderson, Milton,
Durant.

Anderson, Nettie,
Homewood.

Ard, Hazel Ruth,
Elsinore.

Arndt, Bertha,
Emporia.

Anchord, Elsie,
Green.

Austin, Seneca,
Emporia.

Barber, Herbert,
Atchison.

Barnett, Nellie,
Sharon.

Barnhart, Mrs. Anna,
Overbrook.

Barnhart, Earl,
Overbrook.

Barnhart, Oscar,
Emporia.

Barr, Ola,
Emporia.

Barrett, Alpha,
Olivet.

Barrington, Percy,
Emporia.

Beard, Verna Mary,
Osawatomie.

Bement, Emma,
Winfield.

Berg, Carrie K.,
Meriden.

Betz, Geo. J.,
Asherville.

Blanchard, Nana,
Piedmont.

Bourm, Ettie,
Emmett.

Bourm, Goldie,
Emmett.

Bowman, Everett,
Fredonia.

FRESHMEN—*continued.*

Boyce, Victoria,
Osage City.

Boyington, Mary,
Bird City.

Bradshaw, Mattie,
Emporia.

Bromwell, Clara,
Plains.

Briggs, Lulu,
Sedan.

Brooks, Alice,
Gridley.

Brown, Calvin E.,
Parkerville.

Brown, Edwin J.,
Clifton.

Brown, Mabel,
Kelso.

Brown, Roxanna,
Madison.

Brumage, Earl S.,
Beloit.

Bullen, Chas.,
Belleville.

Bullen, Lloyd,
Belleville.

Burnett, Jas.,
Dighton.

Burri, Clara,
Dunlap.

Burri, Minnie,
Dunlap.

Byler, Elizabeth,
Newton.

Calkins, Frieda,
Olivet.

Calkins, Ray,
Olivet.

Campbell, Nellie M.,
Topeka.

Cannady, Mabel,
Emporia.

Carlile, Josephine,
Mound City.

Chamberlain, Ruth,
Sedan.

Clanton, Ada Fairie,
Farlinville.

Christensen, Elnora,
Emporia.

Clark, Mae,
Council Grove.

Clark, Walter,
Hutchinson.

Clausen, Lucile,
Emporia.

Cleavinger, Bettie,
Lowemont.

Cleland, Anna,
Emporia.

Clements, Mary Cecile,
Emporia.

Clow, Richard,
Emporia.

Clower, Fay,
Urbana.

Clymer, Berenice,
Council Grove.

Conboy, Grace,
Stillwell.

Concannon, Thomas,
Emporia.

Constantine, Antigoni,
Emporia.

Cosand, Chester,
Cuba.

Cragg, Raydie M.,
Oswego.

Craig, Mrs. S. M.,
Larned.

Craton, Lily Martha,
Ramona.

Cross, Mabel V.,
Emporia.

Curtiss, Cline,
Beeler.

Daley, John,
El Dorado.

Davis, Gertrude,
Dunlap.

Davis, Anna Laura,
Emporia.

Davis, Pearl,
Dunlap.

Deerfield, Bayard,
Lyndon.

Demmitt, Violette,
Acres.

Denney, Julia,
Independence.

Dickason, Edith M.,
Emporia.

Dillingham, E. Edna,
Waldo.

Dore, Catherine,
Waverly.

Doverspike, Mary,
Alta Vista.

Dowell, Clessie Evert,
Lebo.

Downey, James,
Alma.

FRESHMEN—*continued.*

Downey, Rose,
Alma.
Downing, Earl,
Attica.
Dreyer, Flora,
Gridley.
Duggan, Mary,
Reading.
Dunn, Della,
Olpe.
Dunn, Thomas Athon,
Jetmore.
Eakes, Minnie,
Caney.
Earnshaw, Essie,
Lebo.
Eastman, Dorothy,
Matfield Green.
Eastman, Grace,
Matfield Green.
Elmore, Harvey Allen,
Elk City.
Erikson, Anna R.,
Junction City.
Evans, Grace,
Emporia.
Fagenberg, Ellen,
Olsburg.
Falkenrich, Lee,
Moline.
Fallis, Mabel Fay,
Dighton.
Fenton, Halsie,
Sylvia.
Finlayson, Allan Daniel,
Little River.
Fisher, Elva,
Cedar Point.
Fisher, Hazel,
Parker.
Fleck, Brown,
Ottawa.
Fleck, Elba,
Ottawa.
Fleming, Cassie,
Colorado Springs, Colo.
Fleming, Edna,
Soldier.
Fletcher, James,
Bucklin.
Flory, Austa,
Overbrook.
Fowler, Mima,
Fredonia.
Fox, Fleeta,
Larned.
Francis, LeRoy,
Natoma.
Francis, Willard,
Natoma.
Franklin, Blanche,
Larned.
Fraser, Mrs. J. E.,
Formoso.
Frazier, Frank,
Newton.
Fredericks, Blanche,
Homewood.
Fredericks, Frances,
Homewood.
Freeman, Earl Julius,
Simpson.
Friend, Frances,
Emporia.
Fuller, Mildred Angeline,
Madison.
Funk, Sara Alice,
Hillsboro.
Garrison, W. A.,
Emporia.
Geesling, Ethel,
Turon.
Geiger, Bessie,
Everest.
Gillespie, Anna,
Rose.
Gist, Tippia E.,
Bushong.
Gitchell, Ruth Dell,
Olivet.
Goad, Bessie,
Hymier.
Goad, Nora.
Hymier.
Good, Bertha,
Emporia.
Goodwin, Byron,
Emporia.
Graham, Inez,
Neodesha.
Granger, Ola,
Meade.
Grant, Ernest,
Emporia.
Greenlee, Gladys,
Emporia.
Gregory, Chas. E.,
Ottawa.
Gropp, Myrtle Mary,
Kendall.
Gunkel, Esther,
Emporia.

FRESHMEN—*continued.*

Gunkel, Florence,
Emporia.

Hall, Zella,
Emporia.

Hamilton, Dan,
Chanute.

Hankins, J. L.,
Hugoton.

Harder, Laurenia,
Dunlap.

Hardin, Ruth C.,
Emporia.

Harmon, Chloe,
Sun City.

Harris, Anna,
Murdock.

Harris, Estelle,
Geuda Springs.

Harris, Mildred,
Cedar Vale.

Hartman, Guy V.,
Mitchell.

Harvey, Ernest,
Emporia.

Hatcher, Isaac,
Emporia.

Hausermann, Anna M.,
Junction City.

Hays, Lon,
Wathena.

Hedges, Erma,
Elk City.

Hedges, Ezra,
Elk City.

Hedrick, Hallie,
Heizer.

Helm, Amelia,
Gridley.

Helm, Ettie,
Emporia.

Helm, Vina,
Gridley.

Hemenway, Ruth,
Emporia.

Hodges, Amoretti,
Emporia.

Hoffman, Ida,
Elk.

Hollar, Daisy,
Emporia.

Holtman, Mayme,
Randolph.

Houdek, Geo. O.,
Cuba.

Huber, Bernardine,
Emporia.

Hull, Mary S.,
Wellington.

Hyde, Emma J.,
Paola.

Ice, Dora,
Cedar Point.

Ice, Earl,
Cedar Point.

James, Harry R.,
Hartford.

James, Ivah,
Mapleton.

Jensen, Tynah,
Bushong.

Jeter, Eula,
Sycamore.

Johnson, Addie,
Alta Vista.

Johnson, Ola V.,
Olivet.

Johnson, Wm. G.,
Walnut.

Jones, Colin Campbell,
Emporia.

Jones, Esther,
Emporia.

Jones, Fern,
Emporia.

Jones, Hazel Ione,
Emporia.

Jones, Lucile,
Emporia.

Jones, Malcolm,
Emporia.

Josserand, Guy Dulin,
Colusa.

Kanaga, Ethel,
Ness City.

Keinig, Louise,
Zenda.

Kelly, Marjorie,
Emporia.

Kelly, Edwin,
Carlyle.

Ketchersid, John Lynn,
Hope.

Kimzey, Leroy Ernest,
Elk City.

Kincheloe, Daisy,
Centerville.

King, Eva S.,
Emporia.

Kirchner, Arthur Earl.
Baldwin.

Kleile, Louise,
Raymond.

FRESHMEN—*continued.*

Kowalski, Mary,
Emporia.

Kropp, Irene,
Emporia.

Kuykendall, Myrtle,
Osage City.

Kuykendall, Susie,
Osage City.

Kygar, Grace Lenore,
Hewins.

Lawrence, Ira May,
Emporia.

Leatherman, Mary,
Dunavant.

Lee, Owen,
Parsons.

Levy, Esther,
Emporia.

Lippe, Gladys,
Miltonvale.

Lockman, Edna,
Dodge City.

Logan, Mac,
Smith Center.

Longberg, Minnie,
Goff.

Longfellow, Daisy Jannet,
Emporia.

Love, Henrietta,
Emporia.

Loveless, Hazel,
Emporia.

Lowman, Ethel,
Cedar Point.

Lund, Frank,
Alma.

Lund, Katy,
Alma.

Lynn, Frances,
Valley Falls.

McCants, Myrtle,
Emporia.

McCarter, Meda,
Emporia.

McCawley, Elizabeth,
Hollenberg.

McCrory, Maurice,
Emporia.

McGill, Ada A.,
Colony.

McGill, Chester,
Colony.

McLain, Eugene,
Sun City.

McNamee, Grace,
Nickerson.

Maddox, Letha,
Hazelton.

Magathan, Emmett,
Emporia.

Manahan, Ethel,
Belle Plaine.

Manfield, Taylor,
Latham.

Marberger, Freda,
Emporia.

Martin, Hazel,
Emporia.

Martin, Ira Mae,
Emporia.

Mavis, Adelle,
Osage City.

Maxson, Della,
Emporia.

Mayfield, Taylor,
Taylor.

Megaffin, Mabel,
Pratt.

Meeder, Ed Arnold,
Emporia.

Mickey, J. R.,
Wichita.

Miller, Blanche,
Houston.

Miller, Nettie,
Emporia.

Miner, Hazel M.,
Pomona.

Moeller, Martha,
Emporia.

Moody, Helen,
Riley.

Moor, Jessie,
Richland.

Moore, Nellie,
Winfield.

Morton, Lotos L.,
Rush Center.

Masbarger, Sylvester,
Emporia.

Mosby, Alice,
Emporia.

Musgrave, Pearl F.,
Springhill.

Nelson, Edith,
Mapleton.

Nelson, Elnora,
Mapleton.

Nelson, Gertie,
Mapleton.

Noble, Beatrice,
Urbana.

—8

FRESHMEN—*continued.*

Noggle, Harry,
Emporia.

Nordquist, Nellie V.,
Osage City.

Norman, Cora,
Emporia.

Norton, V. Fern,
Haviland.

O'Roke, Fern,
Fairview.

Overman, Emma,
Asherville.

Pacey, Albert,
Miltonvale.

Pacey, Vern LeRoy,
Miltonvale.

Parsons, Ralph,
Montrose.

Patterson, Lulu,
Belleville.

Perrine, Ocie,
Sedan.

Peterson, Pearl,
Gypsum.

Peterman, Chas.
Westphalia.

Peters, Marie,
Parkerville.

Peterson, Henry V.,
Burdick.

Petty, Elenora,
Olivet.

Plummer, Robt.,
Emporia.

Pospisal, S. A.,
Marion.

Power, Adele,
Emporia.

Price, Wallace W.,
Emporia.

Priebe, Corda,
Doniphan.

Pringle, Robena,
Rose.

Pruett, Olive Leona,
Quenemo.

Ragland, Flosse,
Emporia.

Redmond, Esther,
Iola.

Remy, Ethel A.,
Burlington.

Riggs, Clora,
Emporia.

Ring, F. D.,
McPherson.

Robinson, Olie Lee,
Boley.

Romary, Ellison N.,
Olivet.

Ross, Wilber,
Shields.

Rowan, Jessie,
Buffalo.

Ruddy, Margaret,
Troy.

Rundus, Mildred,
Munden.

Sanders, Vesta,
Marion.

Schlageter, Myrtle,
Osage City.

Scott, Myra,
Hepler.

Seacat, Jessie,
Bucklin.

Seely, H. Guy,
Wilroads.

Shauteau, Ethel Fern,
Stafford.

Sharp, Winnie,
Virgil.

Shaver, Ola,
Hutchinson.

Sheridan, Walter,
Emporia.

Shoemaker, Elmer,
Overbrook.

Shupe, Erma Ann,
Sitka.

Simmons, Guy,
Dunlap.

Simmons, Stella,
Dunlap.

Simon, Olive Amelia,
Washington.

Simpson, Edith,
Pratt.

Simpson, Paul,
Emporia.

Skonberg, Mabel,
Osage City.

Sloan, Anna,
Beloit.

Smelser, Edgar,
Emporia.

Smelser, Ona,
Emporia.

Smith, Arlin,
Kansas City, Kan.

Smith, Glen,
Waverly.

FRESHMEN—*continued.*

Smith, Grace Viola,
Florence.

Smith, Hazel,
Emporia.

Smith, Manley,
Emporia.

Smith, Marie,
Emporia.

Smith, Merl G.,
Florence.

Smith, Warren,
Emporia.

Speer, Sarah Eunice,
Alma.

Sprague, Eunice,
Longton.

Stack, Arzie,
Elk City.

Stephens, Faye,
Walnut.

Stipp, Floy,
Urbana.

Stites, Otto Russell,
Parker.

Stites, W. Lee,
Mound City.

Stout, Garnett Nellie,
Emporia.

Stubbs, Ethel May,
Emporia.

Swendig, Louise,
Sedgwick.

Swift, Ruth,
Delavan.

Tannehill, Goldie,
Anthony.

Taylor, Adah,
Kansas City, Kan.

Teichgraeber, Florine,
Emporia.

Thomas, Esther M.,
Ogden.

Thomas, Mary Margaret,
Lane.

Thudium, Otto,
Emporia.

Tilford, Mrs. Cora,
Beloit.

Totten, Orpha,
Mina.

Tracy, Lillian May,
Topeka.

Tripp, Joye,
Emporia.

Trout, Minnie,
Burley.

Trumble, Robt. K.,
Emporia.

Ullman, Margaret,
Severy.

Valyer, Arden,
Emporia.

Valyer, Ernest,
Emporia.

Vandeveer, Glen,
Emporia.

VanVoris, Lucile,
Emporia.

Varney, Katherine E.,
Emporia.

Varvel, Waldo,
Vernon.

Vaughn, James,
Emporia.

Villard, Carrie M.,
Hiawatha.

Waite, Earl,
Emporia.

Waite, Erwin,
Emporia.

Walton, Zella,
Emporia.

Ward, Inez E.,
Emporia.

Warren, Cora,
Lawson.

Warren, Esker,
New Ulysses.

Warren, Walsie,
Lawson.

Watts, Ethel,
Stockton.

Webb, Mary,
Toronto.

Weeks, Otis,
Emporia.

Wegley, Della Angeline,
Claflin.

Welch, Kenneth,
Emporia.

Welden, Ethel,
Sylvia.

Wells, Donald,
Emporia.

Wenger, Matilda,
Junction City.

Wenzel, Bennett,
Emporia.

Whaley, Carmen,
Olivet.

Whittemore, Ida,
Emporia.

FRESHMEN—*concluded.*

Wilks, Mabel,
Emporia.

Williams, Hazel,
Osawatomie.

Williams, Maude I.,
White City.

Williamson, Ralph,
Dunlap.

Winans, Ruby,
Galesburg.

Wingfield, Clara,
Council Grove.

Winzer, Della,
Augusta.

Wolfe, Mrs. Carrie Roth,
Plymouth.

Wollard, Fred,
Lone Elm.

Woodard, Hazel,
Emporia.

Wright, Edna,
Emporia.

Wright, Clara Belle,
Burden.

Wycoff, Hazel,
Wilsey.

Yinger, R. V.,
Fletcher.

York, Ruth,
Meriden.

Young, Minnie,
Howard.

Irregular.

Adams, Ida Pearl,
Sterling.

Ashbrook, Julia Lynn,
Gridley.

Bailey, David,
Emporia.

Browne, Effie G.,
Kansas City, Kan.

Burke, Mrs. Katherine M.,
Fort Wrangle.

Butler, Dorothy,
Fort Scott.

Carhill, Araminta,
Burr Oak.

Davis, H. Dale,
Protection.

Dent, Florence Myrtle,
Council Grove.

Elliott, Elsie,
Chanute.

Forde, Margaret,
Emporia.

Fordyce, Margaret,
Emporia.

Fuller, Phœbe,
Glasco.

Gibbs, James,
Elk Falls.

Grant, Ethel,
Emporia.

Greenlee, Harvey,
Emporia.

Hearst, Mrs. W. F.,
Parsons.

Hedger, Andrew Jackson,
New Ulysses.

Herman, Hazel,
Lincoln Center.

Hinshaw, Frances,
Emporia.

Holmes, Mrs. Olive,
Emporia.

Hunts, Maud,
Pleasanton.

Johnson, Pearl,
Sterling.

Jones, Mrs. M. Johnson,
Muskogee, Okla.

Leatherman, Flora,
Chapman.

Gardner, Elizabeth,
Osawatomie.

Martin, Clyde U.,
Mound City.

Mason, Ella,
Emporia.

Newman, Mabel,
Marysville.

Paulus, Mary,
Newton.

Ross, Ada,
Cedar Vale.

Sherlock, Josephine,
Emporia.

Squires, Mildred,
Neodesha.

Startup, Metta,
Rossville.

Stark, Leonard,
Elk City.

Stewart, Clara,
Iola.

IRREGULAR—*concluded.*

Stone, Grace,
Emporia.

Trout, Emma,
Burley.

Venable, Mrs. J. K.,
Emporia.

Wind, Adolph,
Emporia.

Unclassified.

Bivins, Forest,
New Albany.

Bonjour, Evelyn,
Onaga.

Bright, Alice,
Emporia.

Brown, Lelia A.,
Emporia.

Caldwell, Matie,
Lecompton.

Caldwell, Lenord,
Lecompton.

Carpenter, James M.,
Quincy.

Clark, Mary Shannon,
Clay Center.

Coleman, Mary,
Admire.

Davis, H. Dale,
Protection.

Evans, Louise,
Emporia.

Ford, Edwin Roscoe,
Emporia.

Ford, Velsie,
Madison.

Fry, Mamie E.,
Hope.

Gay, Katie B.,
Augusta.

Gibson, Chas. D.,
Lafontaine.

Groves, Adeline Poston,
Edwards.

Hall, Carrie,
Dodge City.

Hankins, Grace,
Grenola.

Hart, Harry B.,
Dexter.

Hesse, Vivienne,
Buffalo.

Huxman, Paul,
Pretty Prairie.

Johnson, Bettie,
Assaria.

Lorimer, Anna May,
Willis.

McClausky, Lizzie,
Quincy.

Maxfield, Martha,
Syracuse.

McQuiston, Ray,
Independence.

Nesbit, Stella,
Kansas City, Mo.

Page, John Beverly,
Emporia.

Paulus, Lydia,
Newton.

Pierce, Lessey Nathan,
Redfield.

Postma, V. E.,
Council Grove.

Remy, Alta J.,
Burlington.

Retschlag, Esther,
Emporia.

Rhodes, Rosa N.,
Emporia.

Rimmer, Estella,
Utopia.

Rose, Fred H.,
Benedict.

Scott, Nettie,
Darlow.

Sedgwick, Grace,
Reading.

Smith, Ruth E.,
Beloit.

Spadey, Emanuel,
Lincolnville.

Stark, W. O.,
Elk City.

Taylor, Mrs. Margaret,
Sterling.

Templer, Chester A.,
Howard.

Tennyson, Isla,
Muskogee, Okla.

Thatcher, Mahala,
Wilsey.

Thompson, C. C.,
Colby.

Tidd, Emma McClain,
Emporia.

UNCLASSIFIED—*concluded.*

Torrence, Mary,
Reading.

Unruh, Clara,
Larned.

Wallam, J. Arthur,
Emporia.

Welch, Thos. E.,
Emporia.

Wesley, Alice,
———.

Wood, Jessie,
Reading.

Young, Russell,
Jamestown.

Yarger, Mrs. Marie,
Kingsville, Texas.

Training School.

Adams, Richards,
Emporia.

Agrelius, Claire,
Emporia.

Agrelius, Kenneth,
Emporia.

Allen, Bob,
Emporia.

Allen, Charles,
Emporia.

Allison, Fern,
Emporia.

Alvord, Alice,
Emporia.

Alvord, Ida,
Emporia.

Anderson, Beatrice,
Emporia.

Anderson, Carl,
Emporia.

Anderson, Herbert,
Emporia.

Armstrong, Evelyn,
Emporia.

Anderson, Nelson,
Emporia.

Austin, George,
Emporia.

Balmer, Marie,
Emporia.

Baptist, Myrna,
Emporia.

Barrington, Lester,
Emporia.

Barrington, Marden,
Emporia.

Bell, Everett,
Emporia.

Bennett, Loui,
Emporia.

Benson, Nellie Irene,
Emporia.

Benson, Warren,
Emporia.

Bethuram, Wm.,
Emporia.

Birckel, Mildred,
Emporia.

Bishop, Charles,
Emporia.

Boggs, Arthur,
Emporia.

Bonwell, Willie,
Emporia.

Braucher, Margaret,
Emporia.

Brown, Allen,
Emporia.

Brown, Harry H.,
Emporia.

Brown, Sibyl,
Emporia.

Bryan, Frank,
Emporia.

Buck, James,
Emporia.

Burnap, Harry,
Emporia.

Buck, Margaret,
Emporia.

Burnap, Mary,
Emporia.

Byrnes, Mary Catherine,
Emporia.

Byrnes, Louise,
Emporia.

Carl, Clarence,
Emporia.

Carl, Cecil,
Emporia.

Carl, Leo,
Emporia.

Carr, Clifford,
Emporia.

Carroll, Jasamine,
Emporia.

Carter, Curtis,
Emporia.

TRAINING SCHOOL—*continued.*

Carter, Herman,
Emporia.

Carter, Zula,
Emporia.

Cary, William,
Emporia.

Chitty, Thelma,
Emporia.

Cheer, Bernice Lucille,
Emporia.

Chitty, William Robert,
Emporia.

Christensen, Goldia,
Emporia.

Clay, Fleming,
Emporia.

Cleland, Dorothy,
Emporia.

Cleland, Esther,
Emporia.

Clogston, Dorothy,
Emporia.

Cole, Ben,
Emporia.

Clow, George,
Emporia.

Cole, Grace,
Emporia.

Coleman, Charles,
Emporia.

Coley, Elizabeth,
Emporia.

Collins, Lucille,
Emporia.

Concannon, Mabel,
Emporia.

Constantine, Sappho,
Emporia.

Cook, Frances,
Emporia.

Cowen, Calvin,
Emporia.

Cox, Eugene,
Emporia.

Crimble, Leslie,
Emporia.

Cross, Ormond,
Emporia.

Cross, Walken,
Emporia.

Cubbertson, Eleanor,
Emporia.

Culbertson, Paul,
Emporia.

Cunningham, Thelma,
Emporia.

Davis, Esther,
Emporia.

Davis, Lydia,
Emporia.

Deister, Dorothea,
Emporia.

Diggs, Eva,
Emporia.

Dimon, Clarence,
Emporia.

Dillon, Franklin,
Emporia.

Drake, Mike,
Emporia.

Drapee, Frances,
Emporia.

Dunn, Mary,
Emporia.

Dumm, Joseph,
Emporia.

Dunn, Ted;
Emporia.

Dwelle, Harold,
Emporia.

Dwelle, Margaret,
Emporia.

East, Mildred,
Emporia.

Eastin, Arlington,
Emporia.

Eckdall, Lida,
Emporia.

Eckdall, Frank,
Emporia.

Edwards, Elizabeth,
Emporia.

Edwards, Nora Elizabeth,
Emporia.

Elison, Clarence,
Emporia.

Ellis, Olive Irene,
Emporia.

Elmore, William,
Emporia.

Fish, Leward Fessenden,
Emporia.

Fishburn, Alfred,
Emporia.

Fisher, Simon,
Cedar Point.

Fitch, Donald,
Emporia.

Fitch, Kenneth,
Emporia.

Forbes, Eunice,
Emporia.

TRAINING SCHOOL—*continued.*

Ford, Virginia,
Emporia.
Frost, Albert,
Emporia.
Fultz, Atley,
Emporia.
Fultz, Ivah,
Emporia.
Fultz, Robert,
Emporia.
Fuqua, Hazel,
Emporia.
Gafford, Gordon,
Emporia.
Gardner, Beryl,
Osawatomie.
Garrison, Wm. Edward,
Emporia.
Gee, Fred,
Emporia.
Geesling, Elvin,
Turon.
George, Florence,
Emporia.
Gibson, Mary,
Emporia.
Giles, Margaret,
Emporia.
Giles, Marion,
Emporia.
Gilman, Gordon,
Emporia.
Gilmore, Dorothy,
Emporia.
Godsey, Edith,
Emporia.
Goodwin, Grace,
Emporia.
Grabendike, Albert,
Emporia.
Green, Marion,
Emporia.
Greenlee, Frank,
Emporia.
Greenlee, Merrill,
Emporia.
Greenlee, Vernon,
Emporia.
Griffith, Fred,
Emporia.
Groh, Harry,
Emporia.
Groh, John,
Emporia.
Gross, Albert,
Emporia.
Gross, Vesta,
Emporia.
Gunkel, Lena,
Emporia.
Gunzelman, Bessie,
Emporia.
Gwinner, Isabel,
Emporia.
Gwinner, Juanita,
Emporia.
Hamer, Helen,
Emporia.
Harrington, Hazel,
Emporia.
Harris, William,
Emporia.
Harvey, Cowin,
Emporia.
Harvey, Lillian,
Emporia.
Hatcher, Mary,
Emporia.
Hatcher, Paul,
Emporia.
Haworth, Myrtle,
Emporia.
Haynes, Billie,
Emporia.
Haynes, Ernestine,
Emporia.
Haynes, Virginia,
Emporia.
Haynes, William,
Emporia.
Hembling, Violet,
Emporia.
Henning, Clinton,
Emporia.
Hershner, Glenn,
Emporia.
Herschner, Mary Elizabeth,
Emporia.
Hicks, Virginia,
Emporia.
Hill, Joe,
Emporia.
Hill, Ruth E.,
Emporia.
Hill, Ruth O,
Emporia.
Hinshaw, Albert,
Emporia.
Hinshaw, Frederick,
Emporia.
Holland, Kelly,
Emporia.

TRAINING SCHOOL—*continued.*

Hollar, Flora,
Emporia.
Hopkins, Earl,
Emporia.
Hopkins, Ross,
Emporia.
Horton, Floyd,
Emporia.
Horton, Margaret,
Emporia.
Horton, Roy,
Emporia.
Huggins, Junior,
Emporia.
Huggins, Mary,
Emporia.
Hultz, Laura,
Emporia.
Humphrey, Bill,
Emporia.
Humphrey, Ida,
Emporia.
Hunter, Wildred,
Emporia.
Hunter, William,
Emporia.
Hutchings, Jack,
Emporia.
Hutchings, Harold,
Emporia.
Ingrum, Katherine,
Emporia.
Jaquith, Mark,
Emporia.
Jillson, Walter,
Emporia.
Jones, Cedric,
Emporia.
Kellar, Margaret Elizabeth,
Emporia.
Keinath, Frank,
Emporia.
Kendig, Charles,
Emporia.
Kendig, Esther,
Emporia.
Kendig, Floyd,
Emporia.
Kendig, Harold,
Emporia.
Keys, Ruth Elizabeth,
Emporia.
Kirby, Arthur,
Emporia.
Kittell, Muriel,
Emporia.
Kjellin, Judson,
Emporia.
Kluss, Helen,
Emporia.
Kluss, Joseph,
Emporia.
Knox, Lorena,
Emporia.
Koontz, Louis,
Emporia.
Kraemer, John,
Emporia.
Lake, Margaret,
Emporia.
Lakin, Albert,
Emporia.
Lapham, Eleanor,
Emporia.
Larkin, Cathleen,
Emporia.
Lawrence, Pearl,
Emporia.
Lawrence, Otho,
Emporia.
Leuberry, Roy J.,
Emporia.
Hyde, Dorothy,
Emporia.
Lewis, Iva,
Dunlap.
Lockwood, Lawrence,
Emporia.
Long, John,
Emporia.
Loveless, Bee,
Emporia.
Loveless, James,
Emporia.
Lumpkins, Chester,
Emporia.
Lynn, Robt.,
Emporia.
Lytle, Homer,
Emporia.
McCarthy, John,
Emporia.
McCandless, Mary Evelyn
Emporia.
McCandless, Rhea,
Emporia.
McCaw, Leona,
Emporia.
McClure, Joseph,
Emporia.
McCormick, Vivian,
Emporia.

TRAINING SCHOOL—*continued.*

McCue, Alice,
Emporia.
McCue, Frances,
Emporia.
McCue, Laverne,
Emporia.
McCullough, John,
Emporia.
McCullough, Margaret,
Emporia.
McDill, Hardin,
Emporia.
McElfresh, Chas.,
Emporia.
McElfresh, Geo.,
Emporia.
McMain, Arthur,
Emporia.
Mallory, Dorothy,
Emporia.
Mark, Everett,
Emporia.
Mark, Fern,
Emporia.
Mark, Goldie,
Emporia.
Mark, Wilma,
Emporia.
Martin, Harold,
Emporia.
Martin, Zoah,
Emporia.
Marthaler, Frank,
Emporia.
Marx, Fern,
Emporia.
Marx, Wilma,
Emporia.
Mason, Mary,
Emporia.
Mavis, Carrie,
Osage City.
Miller, Katherine,
Emporia.
Miller, Hortense,
Emporia.
Mitchell, Christine Avery,
Emporia.
Mize, Robt.,
Emporia.
Mize, Edward,
Emporia.
Moeller, Vera,
Emporia.
Moore, Marie,
Emporia.
Moore, Roberta,
Emporia.
Morgan, Evan,
Emporia.
Morgan, David,
Emporia.
Morgan, Howard,
Emporia.
Morgan, Leslie,
Emporia.
Morgan, Ruth,
Emporia.
Morgan, Tracy,
Emporia.
Morris, James,
Emporia.
Morse, Wilamina,
Emporia.
Moss, Dorotha,
Emporia.
Myers, Emmet,
Emporia.
Nichols, Dorothy,
Garden City.
O'Neil, Frances,
Emporia.
O'Neil, Kathleen,
Emporia.
Paden, Viola,
Emporia.
Palmer, Jay,
Emporia.
Parrington, Martha,
Emporia.
Paxton, Robt.,
Emporia.
Peach, Eugene,
Emporia.
Peach, Joe,
Emporia.
Pegram, Myrtle Esther,
Oakville, Ind.
Pember, Dorothy,
Humboldt.
Pember, Waldo,
Humboldt.
Peters, Helen,
Emporia.
Peters, Margaret,
Emporia.
Peterson, Adelle,
Emporia.
Pett, Robert,
Emporia.
Phillips, Ralph,
Emporia.

TRAINING SCHOOL—*continued.*

Phillips, Warren,
Emporia.

Potter, Frances,
Emporia.

Ptacek, Lester,
Emporia.

Pyle, Ella,
Americus.

Pyle, Lucien,
Emporia.

Rayland, Floyd,
Emporia.

Randolph, Florence,
Emporia.

Randolph, John,
Emporia.

Rauscher, Frank,
Emporia.

Ray, Yovene,
Emporia.

Reeble, Ruth,
Emporia.

Ricker, Bob,
Emporia.

Ricker, Claribel,
Emporia.

Ricker, Ruth,
Emporia.

Ricker, Sam,
Emporia.

Riddle, Caroline,
Emporia.

Riddle, Humboldt,
Emporia.

Ridom, Laverne,
Emporia.

Rishel, Rella Beth,
Emporia.

Ritchie, Evanella,
Emporia.

Ritchie, Morris,
Emporia.

Roach, Harry,
Emporia.

Roberts, Harold,
Emporia.

Roberts, Laura,
Emporia.

Roberts, Rebekah,
Emporia.

Roberts, Richard,
Emporia.

Robinson, Delight,
Emporia.

Rockhill, Cleo,
Emporia.

Rockhill, Orville,
Emporia.

Saller, Charlotte,
Emporia.

Samuel, Owen Geo.,
Emporia.

Sampson, Paul,
Emporia.

Scott, Kenneth,
Emporia.

Schrader, Justin,
Emporia.

Sellers, Eva,
Emporia.

Sellers, Ruth,
Emporia.

Shaffner, Dan'l,
Emporia.

Shaw, Elmer,
Emporia.

Shaw, Violet,
Emporia.

Short, Wendell,
Emporia.

Simpson, Mattie,
Emporia.

Simpson, Otto,
Emporia.

Smith, Alda,
Emporia.

Smith, Alma,
Emporia.

Smith, Edgar,
Emporia.

Smith, Edna,
Emporia.

Smith, Elsie Pearl,
Emporia.

Smith, Howard,
Emporia.

Smith, Paul,
Emporia.

Smith, Spencer,
Emporia.

Soden, Margaret,
Emporia.

Sorey, M. Lee,
Emporia.

Speer, Vering,
Emporia.

Spencer, Robert,
Emporia.

Spielman, Maurine,
Emporia.

Spielman, Glen,
Emporia.

TRAINING SCHOOL—*continued.*

Stannard, May,
Emporia.
Stinson, June,
Emporia.
Strawman, Marjorie,
Emporia.
Strube, Ernest,
Emporia.
Strube, Eunice,
Emporia.
Strube, Mildred,
Emporia.
Swearngin, Loreene,
Emporia.
Tholen, Bernard,
Emporia.
Tidd, Thol,
Emporia.
Tilford, Wayne,
Beloit.
Taylor, Kenneth,
Emporia.
Treadway, Arthur,
Emporia.
Triplett, Dorothy,
Emporia.
Tunney, Blanche,
Emporia.
Tunney, Ethel,
Emporia.
Urmy, Charles,
Emporia.
Urmy, Clara,
Emporia.
Urmy, Gale,
Emporia.
Van Voris, Rena,
Emporia.
Van Zant, Herman,
Emporia.
Vermillion, Cecil,
Emporia.
Walker, Martha,
Emporia.
Waller, Voris,
Emporia.
Warren, Marshall,
Emporia.
Warren, Mary Emily,
Emporia.
Wartz, Charlie,
Emporia.
Wartz, Eddie,
Emporia.
Wasson, Ralph,
Neodesha.
Watkins, Evangeline,
Emporia.
Watkins, Gwendolyn,
Emporia.
Watkins, John,
Emporia.
Watts, Lucile,
Emporia.
Wayland, Jack,
Emporia.
Weeks, Evelyn,
Dunlap.
Weeks, Grace,
Dunlap.
Weeks, Mark,
Dunlap.
Welch, Marion,
Emporia.
Wells, Nellie,
Emporia.
Weesner, Dorothy,
Emporia.
Weesner, Eugene,
Emporia.
Weyler, Lawrence,
Emporia.
White, Billie,
Emporia.
Whiteley, Ernest,
Emporia.
Whiteley, Otis,
Emporia.
Wiggam, Winnifred,
Emporia.
Wilks, Bessie,
Emporia.
Wilks, Ethel,
Emporia.
Wilks, Eva,
Emporia.
Wilks, George,
Emporia.
Wilks, Lloyd,
Emporia.
Williams, Lewis,
Emporia.
Wilson, Colene,
Emporia.
Wilson, Gladys,
Emporia.
Wilson, Robert,
Emporia.
Wood, Frank,
Emporia.
Woodard, Byron,
Emporia.

TRAINING SCHOOL—*concluded.*

Woodard, Florence,
Emporia.

Woodbry, Howard,
Emporia.

Wright, Hiram,
Emporia.

Wright, Kenneth,
Emporia.

Model Rural School.

Alloway, Louis,
Emporia.

Alloway, Marie,
Emporia.

Benedict, Marion,
Emporia.

Bickley, Effie,
Emporia.

Cleland, Martha,
Emporia.

Cleland, Dorothy,
Emporia.

Fish, Silas,
Emporia.

Fairbee, Pauline,
Emporia.

Griffith, Fred,
Emporia.

Griffith, Mary,
Emporia.

Griffith, John,
Emporia.

Griffith, Margaret,
Emporia.

Hensley, Ruth,
Emporia.

Hensley, George,
Emporia.

Howe, Priscilla,
Emporia.

Howe, Genevieve,
Emporia.

Hungerford, Ruth,
Emporia.

Hungerford, John,
Emporia.

Jones, Veru,
Emporia.

Jones, Velma,
Emporia.

Keating, Grace,
Emporia.

Keating, Hugh,
Emporia.

Main, Loy,
Emporia.

Main, Martin,
Emporia.

Main, Lee,
Emporia.

Main, Ray,
Emporia.

Marks, Golda,
Emporia.

Marks, Harley,
Emporia.

Stouder, Harold,
Emporia.

Stouder, Eleanor,
Emporia.

Timmerman, Roy,
Emporia.

Whipple, Ralph,
Emporia.

Music.

Adams, Herbert H.,
Langdon.

Adams, Robert,
Dunlap.

Agrelius, Kenneth,
Emporia.

Albers, Clinton,
Hargrove.

Alexander, Gertrude,
Emporia.

Allen, Mary,
Cunningham.

Allison, Fern,
Argentine.

Alsop, Inez,
Wakefield.

Alvord, Lesta,
Emporia.

Armstrong, Evelyn,
Emporia.

MUSIC—*continued.*

Avery, Ruth,
El Dorado.

Baldwin, Bonnie,
———.

Balmer, Marie,
Emporia.

Baltzer, Benj.,
Hillsboro.

Baptist, Leona,
Emporia.

Baptist, Myena,
Emporia.

Barber, Dorothy,
Emporia.

Beadles, Ethel,
Caney.

Bender, Mabel,
Miltonvale.

Benson, Mrs. Hattie,
Concordia.

Bingham, Anna,
Sabetha.

Black, Mrs. Lena B.,
Emporia.

Blanke, Olga,
Garden City.

Bolan, Linda,
Olivet.

Bonwell, Gladys,
Emporia.

Boomhower, Mildred,
Emporia.

Boswell, Evelyn,
Agricola.

Bowman, Everett,
Fredonia.

Bowser, Hattie,
Howard.

Bradshaw, Agnes,
Altoona.

Bradshaw, Edw.,
Altoona.

Brandenburg, Georgia,
Bushong.

Breneman, Ethel,
Emporia.

Breneman, Sarah,
Emporia.

Brigham, Rosalie,
Council Grove.

Briley, Harry,
Chanute.

Brown, Almeda,
Abilene.

Brown, Chloe,
Troy.

Brown, Earl,
Attica.

Brown, Iva,
Abilene.

Brown, Luvenia,
Topeka.

Brown, Sibyl,
———

Bright, Marjorie,
———

Bruce, Isabelle,
Dodge City.

Brumback, Margaret,
Emporia.

Buck, Margaret,
———

Burchfield, Hazel,
White Cloud.

Burgess, Florence,
Mulvane.

Burnap, Harry,
Emporia.

Burnap, Mary,
Emporia.

Burr, Marian,
Emporia.

Campbell, Edna,
Ogden.

Campbell, Laurel N.,
Emporia.

Carl, Cecil G.,
Imperial.

Carl, Ethel,
Imperial.

Carpenter, Floy,
Solomon.

Caruthers, Esther,
Oklahoma City, Okla.

Chase, Mary,
Emporia.

Clark, Florence,
Alta Vista.

Clark, Lois,
Sawyer.

Clark, Perle,
Linn.

Clay, Elsie,
Oskaloosa.

Clements, Floyd,
Chanute.

Coffman, Harold,
Emporia.

Cole, Mabel,
Emporia.

Collins, Lucile,
Emporia.

MUSIC—*continued.*

Colwell, Margaret,
Emporia.

Conwell, Myrtle,
Emporia.

Cook, Harriett,
Emporia.

Cooke, Mrs. W. R.,
Emporia.

Cooley, Hope,
Emporia.

Corhn, Amanda,
Ardmore, Okla.

Courtright, Marie,
Emporia.

Cowen, Izora,
Emporia.

Creswell, Althea,
Ottawa.

Cullison, Lenore,
Howard.

Cutting, Berenice,
Rose Hill.

Czapanskiy, Lucy A.,
Aurora.

Daniels, Sue,
Sycamore.

Darrough, Alma,
Emporia.

Davis, David,
Emporia.

Davis, Mrs. Elanora,
Protection.

DeForest, Augusta,
Wetmore.

Dent, Florence,
Council Grove.

Denison, Frances,
Colby.

Denison, Neva,
Colby.

Diggs, Eva,
Emporia.

Dimmick, Eva,
Cedar Bluffs.

Hemenway, Ruth,
Emporia.

Smith, Winnie,
Minneapolis.

Dodge, Ada,

Doll, Emma,
Larned.

Dore, Rose,
Emporia.

Doty, Katherene,
Emporia.

Dowden, Abigail,
Emporia.

Dowden, Edith,
Emporia.

Dumm, Edmund,
Emporia.

Dwelle, Alice,
Cedar Point.

Eakes, Alice,
Caney.

Eakes, Minnie,
Caney.

Ebey, June,
Beloit.

Ecker, Iva,
Ramona.

Elliott, Jean,
Emporia.

Elliott, Mamie,
Emporia.

Ellis, Olive,
Emporia.

Ellis, Sibyl,
Emporia.

Englund, Sigrid,
Falun.

Epperson, Carrie,
Scott City.

Erwin, Mrs. Estella,
Emporia.

Evans, Florence,
Emporia.

Evans, Louise,
Emporia.

Everett, Ray,
Emporia.

Fallis, Erma,
Dighton.

Fallis, Mabel,
Dighton.

Fife, Elizabeth,
Arkansas City.

Fleeker, Esther,
Emporia.

Ford, Velsie,
Madison.

Fordyce, Margaret,
Emporia.

Francis, Leroy,
Natoma.

Frankenberger, Donald,
Emporia.

Frazer, Alta,
Independence.

Freeland, Mary,
Reno, Okla.

MUSIC—*continued.*

French, Lea,
Ponca City, Okla.

Friend, Frances,
Emporia.

Fromm, Karl,
Elmo.

Fuller, Katherine,
Emporia.

Gamble, Lena,
Emporia.

Gill, Eva,
Beloit.

Ginn, Elva,
Wellington.

Gordon, Jennie,
Emporia.

Granger, Ola,
Meade.

Graves, Roscoe,
Emporia.

Griggs, Hester,
Olivet.

Groves, Jane,
Carlsbad, N. M.

Grove, Mable,
Emporia.

Guettel, Sophie,
Emporia.

Gufler, Dorothea,
Emporia.

Gufler, Wilhelmina,
Emporia.

Hall, Emily,
Emporia.

Hall, Zella,
Emporia.

Hamer, Dorothy,
Emporia.

Hargett, Marion,
Emporia.

Harmon, Chloe,
Sun City.

Harper, Queene,
Emporia.

Harris, Anna,
Murdock.

Harris, Estelle,
Geuda Springs.

Harris, Lucile,
Emporia.

Hawley, Glendyn,
Emporia.

Haynes, Helen,
Emporia.

Hays. Lou F.,
Wathena.

Hedges, E. F.,
Elk City.

Heideman, Ethel,
Emporia.

Hemenway, Ruth,
Emporia.

Hemphill, Katherine,
Norton.

Henderson, Josie,
Garnett.

Henry, Mary,
Cherryvale.

Herman, Hazel,
Lincoln Center.

Hesse, Lena,

Highsmith, Jennie,
Howard.

Hill, Duryee,
Emporia.

Hill, Ruth E.,
Emporia.

Hill, Ruth O.,
Emporia.

Hines, Arthur,
Emporia.

Hoeffer, Katherine,
Emporia.

Honn, Blanche,
Uniontown.

Honn, Pearl,
Uniontown.

Hood, Marie,
Tescott.

Hostick, Berta,
Lebo.

Householder, Lora,
Bucyrus.

Howard, Hazel,
Emporia.

Howard, Irene,
Burrton.

Hudson, Jewell,
Emporia.

Huggins, Mary,
Emporia.

Hughes, Arthur,
Emporia.

Humphrey, Lucile,
Emporia.

Hurley, Genevieve,
Meriden.

Hurst, Myrtle,
Wichita.

Jaggard, Guy H.,
Emporia.

MUSIC—*continued.*

Jensen, Katherine,
Emporia.

Jensen, Marie,
Emporia.

Jeremy, Ruth,
Emporia.

Johnson, Addie,
Alta Vista.

Johnson, Lon,
Emporia.

Jones, Esther,
Emporia.

Jones, Grayce,
Quincy.

Jones, H. D.,
Emporia.

Jones, Ruth,
Lebo.

Jordon, Beulah,
Jewell City.

Jotter, Elisa,
Narka.

Kanaga, Ethel,
Ness City.

Keech, Earl,
Emporia.

Keech, Edith,
Emporia.

Keimig, Louise,
———

Kelley, Frankie,
Allen.

Kelly, Margery,
Emporia.

Killough, Bessie,
Ottawa.

Kirkendall, Hallie,
Emporia.

Kittell, Willnetta,
Emporia.

Kurzen, Mildred,
———

Lamb, Leola,
Dunlap.

Langford, Nellie,
Heizer.

Lappin, Beatrice,
Logan.

Largent, Martha M.,
Quenemo.

Lehmer, Edith,
———

Leonard, Fred K.,
Burns.

Lewis, Chas.
———

Lewis, Edwin A.,
Butternut, Mich.

Lewis, Jane J.,
Emporia.

Lewis, Sarah,
———

Lewis, Winifred,
Butternut, Mich.

Lippe, Anna,
Miltonvale.

Locke, Faye,
Emporia.

Lock, Lora,
Emporia.

Loeffler, Laura L.,
Linn.

Logsdon, Viccie,
Grenola.

Lohmueller, Frances,
Centralia.

Long, Ruth,
Neodesha.

McBratney, Edith,
Centralia.

McCain, Hilda,
Benedict.

McCarty, Leona,
Emporia.

McCaw, Mrs. G. W.,
Emporia.

McClelland, Clara,
Berryton.

McClure, Faye,
———

McCollum, Walter,
Santa Fe.

McGill, Ada,
Colony.

McGill, Flora,
Colony.

McIntosh, Benj. H.,
Lost Springs.

McLaughlin, Marguerite,
Centralia.

McLeland, Ethel,
Chanute.

McNutt, Florence,
Emporia.

Mahuron, I. D.,
Garden City.

Marsh, Amy,
McPherson.

Marsh, V. Launa,
Emporia.

Marx, Mabel,
Emporia.

MUSIC—*continued.*

Matthew, Grace,
Webster.

Mauck, Dorothy,
Nelson, Neb.

Maynard, Wilbert,
Emporia.

Meairs, Clifford,
Dodge City.

Meyers, Edith,
Riley.

Miller, Hortense,
Emporia.

Mills, Ada,
Westmoreland.

Miner, Bertha,
Burlingame.

Mitchell, Florence,
Vernon.

Moeller, Martha,
Emporia.

Moeller, Vera,
Emporia.

Moody, Helen,
Riley.

Morrisey, Mae,
Frankfort.

Mossey, Ruth,

Mullarkey, Ethel,
Concordia.

Nelson, Hattie,
Lincoln.

Nesbit, Stella,
Kansas City, Mo.

Newbrey, Lille,
Emporia.

Noble, Beatrice,
Urbana.

Nordquist, Nellie,
Osage City.

Northington, Ethel,
Emporia.

Norton, Alfia,
Haviland.

Norton, Zella,
Haviland.

Oakes, Martha,
Peru.

O'Connell, Catherine,
Neosho Rapids.

O'Connor, Katherine,
Emporia.

O'Connor, Margaret,
Emporia.

O'Roke, Dot,
Fairview.

Osborne, Alice,
Burrton.

O'Toole, Mrs. H. M.,
Emporia.

Owens, Maude,
Toronto.

Parker, Irene,
Emporia.

Partridge, Harriet,
Macksville.

Patten, Mary A.,
Hooser.

Paxton, Tacey,
Emporia.

Patty, Mary A.,
Emporia.

Perkins, Josie,
Newton.

Peters, Helen,
Emporia.

Phillips, Lottie M.,
Phillipsburg.

Pierce, Lessly,
Redfield.

Porter, Alma,
Okmulgee, Okla.

Potter, Frances,
Emporia.

Powell, Esther May,
Emporia.

Prather, Nellie,
Protection.

Prescott, Russell,
Emporia.

Price, Lena,
Emporia.

Puliver, Grazella,
Abilene.

Purkapile, Laura,
Neodesha.

Pyles, Chloe,
Atchison.

Pyles, Fern,
Emporia.

Quick, Jessie,
Harveyville.

Ramseyer, Margaret,
Emporia.

Ranburg, Elsa,
Emporia.

Reardon, Elizabeth,
Tonganoxie.

Rector, Eva G.,
Emporia.

Redmond, Ethel,
Iola.

MUSIC—*continued.*

Reese, Margaret,
Emporia.

Reeves, Constance,
Emporia.

Rice, Myrtle E.,
Emporia.

Rich, Birdie,
Emporia.

Rich, Elsie,
Emporia.

Richard, Alice,
Emporia.

Rieniets, Louise,
Pratt.

Riggs, Clara,
Emporia.

Riisoe, Edna,
Kinsley.

Riley, Josie,
Grenola.

Ring, F. D.,
McPherson.

Roberts, Rebekah,
Emporia.

Rogers, Alice,
Emporia.

Rowland, Marguerite,
Emporia.

Rupp, Annabel,
Moundridge.

Rutan, Margaret,
———

Salser, Mrs. Carl W.,
Emporia.

Samuel, Arthur,
Emporia.

Savage, Maude,
Durham.

Schlagle, Leslie,
Wolcott.

Schulthess, Lena,
Horton.

Scott, Charles,
———

Scott, Helen,
Herington.

Scott, Stanley R.,
Oakley.

Seacat, Dona,
Ashland.

Seacat, Gracia,
Ashland.

Seal, H. C.,
Meriden.

Sellers, Mamie,
Grenola.

Sellers, Zelma,
Grenola.

Sexton, Lillie,
Abilene.

Sexton, Vesta,
Abilene.

Shaver, Ola,
Hutchinson.

Shay, Ethel,
Emporia.

Shipherd, Matie,
Emporia.

Simmons, Esther,
Emporia.

Sinclair, Dora,
Topeka.

Sloyer, Geo.,
Emporia.

Smelser, Ona,
Emporia.

Smith, Lizzie,
Summerfield.

Smith, Mary A. V.,
Pratt.

Smith, Ruth,
Beloit.

Smith, Vera,
Sharon.

Smith, Warren,
Emporia.

Snider, Flora,
Abilene.

Snyder, Ona,
Cawker City.

Soden, Margaret,
Emporia.

Speer, Sarah,
Alma.

Speer, Vering,
———

Squires, Mildred,
Neodesha.

Stannard, May,
Emporia.

Starr, Emma,
Highland.

Stein, Harriet,
Emporia.

Stevenson, Maida,
Ashland.

Stewart, Ruth,
Iola.

Stiensmeyer, Florence,
Leavenworth.

Stites, W. Lee,
Mound City.

MUSIC—*continued.*

Stout, Elsie,
Emporia.

Strawman, Ethel A.,
Emporia.

Strawman, Margery,
Emporia.

Strouse, Catherine E.,
Emporia.

Swan, Mary C.,
Emporia.

Sweeney, Nanelon,
Arkansas City.

Teichgraeber, Florine,
Emporia.

Thomas, Elizabeth,
Emporia.

Thomas, Margaret,
Lane.

Thomas, Nancy,
Louisburg.

Thomas, Nannie,
Home.

Thudium, Alberta,
Emporia.

Tidyman, Mrs. Ethel,
Marion.

Tilford, Wayne,
Beloit.

Tomlin, Ethel,
Conway Springs.

Treadway, Hazel,
Emporia.

Tripp, Martha,
Emporia.

Triplett, Dorothy,
Emporia.

Trumble, Robert,
Emporia.

Tucker, Eulalia,
Emporia.

Tuhey, Dorothy,
Emporia.

Ullman, Margaret,
Severy.

Vaughn, Beulah,
Emporia.

Vermillion, Vera,
Emporia.

VanCampen, Harry E.,
Linn.

VanVoris, Lucile,
Emporia.

VanVoris, Rena,
Emporia.

Varney, Katherine,
Emporia.

Vermillion, Verma,
Emporia.

Villard, Carrie,
Hiawatha.

Wagner, Ella,
Ellsworth.

Walker, Hazel,
Emporia.

Ward, Cora,
———

Warner, Ida Mac,
Burlingame.

Warren, Imogene,
Emporia.

Warren, Marshall,
Emporia.

Warren, Mary Emily,
Emporia.

Warswick, Jessie,
———

Watkins, Gwendolyn,
Emporia.

Watkins, Thomas,
Emporia.

Wayman, Pearl,
Emporia.

Welch, Kenneth,
Emporia.

Waymire, Marie,
Madison.

Welch, Marion,
Emporia.

Wells, Minnie A.,
Emporia.

Werner, Ruth,
Alden.

Werther, Caroline,
Emporia.

White, Jennie,
Leoti.

Widick, Irene,
Emporia.

Wiggam, Winifred,
Emporia.

Wilhite, Esther,
Emporia.

Wilks, Alice,
Emporia.

Williams, Copy,
Emporia.

Williams, Lewis,
Emporia.

Williams, Maude,
White City.

Wilson, Avis,
Hartford.

MUSIC—*concluded.*

Wilks, Bessie,
Emporia.

Wolfe, E. W.,
Lyndon.

Wood, Jessie,
Geuda Springs.

Wood, W. A.,
Bluford.

State-wide Institute.

ATTENDANCE, JULY 16-26.

Ahlstedt, Elmer,
Phillipsburg.

Allen, Adah E.,
Neodesha.

Allen, Minnie,
Windom.

Allen, Ruth V.,
Neodesha.

Allis, Frank H.,
Baldwin.

Altman, Clara,
Emporia.

Altman, Mary E.,
Emporia.

Arnold, Mrs. M. C.,
Florence.

Atherton, Sarah A.,
Emporia.

Austenfeld, Bertha,
Emporia.

Barslfield, Jeannette,
Everett.

Bates, Delia B.,
Grenola.

Booth, Ida L.,
Reading.

Beamon, Mabel,
Paola.

Berg, Hanna G.,
Mankato.

Blakely, Myrtle,
Emporia.

Boerstler, Bessie M.,
Chanute.

Bradford, Wima,
Freeman.

Brandeberry, Emma,
Paola.

Brogan, Anna H.,
Hartford.

Brooks, Mr. Cecile,
Abilene.

Brown, E. E.,
Eureka.

Brown, Gertrude,
Ottawa.

Brown, L. C. (Miss),
Fort Scott.

Brown, Luvenia,
Topeka.

Brown, Mame,
Dunbar.

Bunbury, H. (Miss),
Emporia.

Carter, C. C.,
Joplin.

Chaffee, Nelle E.,
Ottawa.

Childers, Nora,
Kansas City, Mo.

Chinn, Sarah A.,
New Jersey.

Christian, Eleanor R.,
Emporia.

Clotfelter, Carrie,
Cherryvale.

Coffman, H. C.,
Emporia.

Collins, Elizabeth,
Emporia.

Clymer, Maria,
Kansas City.

Coleman, Lorene F.,
Emporia.

Cowich, Kate L.,
Kansas City.

Culbertson, J. H.,
Hepler.

Creekbaum, Mary,
Kansas City.

Cunningham, Eva,
Strong City.

Cusick, Besse,
Sycamore.

Cusic, May,
Tecumseh.

Dahlgren, Mabel,
Kansas City.

Dairdson, Roy,
Nickerson.

Davis, Mattie,
Kansas City.

STATE-WIDE INSTITUTE—*continued.*

Donica, Lavonia,
Kincaid.

Dearden, Bella,
Mayetta.

Dice, Sol. D.,
Council Grove.

Dickinson, G. E.,
Le Roy.

Dow, Kate S.,
Emporia.

Downing, Nellie Bly,
Hamilton.

Dudley, Mary J.,
Platteville.

Durham, Hugh,
Caldwell.

Erikson, Anna,
Junction City.

Erikson, Etna H.,
Junction City.

Evans, N. B.,
Kansas City, Mo.

Ewing, Jessie,
Kansas City, Kan.

Ferguson, Katherine C.,
Paola.

Felter, Elmina,
Emporia.

Fitzgerald, Florence,
Topeka.

Flaherty, Ida,
Olathe.

Fulghum, Fern,
Fredonia.

Fowler, Mima,
Fredonia.

Freeland, Mary,
El Reno, Okla.

Funk, J. Calvin,
Hillsboro.

Griffee, L. D.,
Jewell City.

George, Mary,
Emporia.

Glasse, Helen,
Parsons.

Goodrich, Callie,
Norman, Okla.

Graft, Mrs. J. N.,
Oakland.

Green, Ada,
Little River.

Gaughn, Anna,
Reading.

Gay, Katie B.,
Stafford.

Greever, Helen,
Emporia.

Hall, Chas. A.,
Sterling.

Harper, M. H.,
Clyde.

Heitzman, W. B.,
Topeka.

Hendricks, O. J.,
Ness City.

Hendricks, Mrs. O. J.,
Ness City.

Heusenn, W. L.,
Junction City.

Hinshaw, F. I.,
Harveyville.

Harper, Queene,
Emporia.

Hays, Mabel,
Ottawa.

Hensley, Nellie,
Emporia.

Harrin, F. H.,
Little Rock.

Henderson, Olive A.,
Kansas City.

Howard, May Belle,
———

Highleyman, Gertrude,
Kansas City, Kan.

Hilleary, Charles M.,
Humboldt.

Hillis, Martha,
Yates Center.

Howard, Nora M.,
Emporia.

Hull, Mary L.,
Wellington.

Hunter, J. T.,
Holton.

Hyde, Margaret,
Iola.

Irving, Hallie M.,
Iola.

Jack, Alice,
Emporia.

Jackson, Anna B.,
Kansas City.

Jackson, E. H.,
Kansas City.

Jones, Catherine H.,
Emporia.

Jackson, Myrtle,
Kansas City.

Johannes, Metta G.,
Nortonville.

STATE-WIDE INSTITUTE—*continued.*

Johnson, Elizabeth,
Emporia.

Johnston, Mabelle,
Allen.

Jones, A. J.,
Yates Center.

Jones, Catherine P.,
Emporia.

Jones, D. O.,
Emporia.

Jones, J. B.,
Washington, D. C.

Jones, Margaret,
Emporia.

Jones, Nellie,
Emporia.

King, J. P.,
Kansas City.

Kjellin, Mrs. A.,
Emporia.

Kulka, Jennie,
Kansas City.

Lankford, Gertrude,
Kansas City.

Lazear, Marie,
Kansas City.

Latherman, Flora,
Chapman.

Leonard, A. J.,
Yates Center.

Lewis, Olivia,
Kansas City.

Long, H. F.,
Emporia.

Lunden, Emma,
Salina.

McAllister, Norma,
Belle Plaine.

McCarthy, Mary,
Kansas City, Mo.

McCoy, Florence,
Kansas City.

McCoy, Lucy F.,
Kansas City.

McCurdy, Mattie,
Kansas City.

Mahar, Effa,
Ottawa.

McCracken, Bertha,
Rose Hill.

MacDonald, Jno.,
Topeka.

McManaman, Mabel,
Manchester, Okla.

Miller, Cora L.,
Logan, Iowa.

McCracken, Mary B.,
Augusta.

McDougall, Dora,
Kansas City.

McKellar, Janette,
Jamestown.

McKean, H. W.,
Kansas City.

McKinley, Bertha,
Kansas City.

McNutt, Mrs. Carrie B.,
Emporia.

McLaughlin, Bula,
Kansas City.

Martin, B. F.,
Newton.

Meyer, Alta M.,
Kansas City, Mo.

Miller, Sidney L.,
Cimarron.

Mills, Mary Gayle,
Kansas City, Mo.

Modine, Anna,
Kansas City.

Moore, Madge E.,
Topeka.

Morris, Clara,
Marion.

Morris, Julia,
Emporia.

Myers, C. W.,
Kansas City.

Nelson, Oscar F..
Newton.

Neff, Olive,
Liberal.

Palmer, Ruth,
Lecompton.

Parker, Grace,
Paola.

Parsons, Sadie L.,
Kansas City.

Paterson, Anna,
Chanute.

Paxton, Edw. C.,
Spring Hill.

Pearce, Ida,
Kansas City.

Pepper, E. L.,
Conway Springs.

Pett, S. U.,
Emporia.

Porter, Geo. F.,
Kansas City.

Postma, V. E.,
Council Grove.

STATE-WIDE INSTITUTE—*continued.*

Potter, Elizabeth,
Emporia.

Pearson, M. E.,
Kansas City.

Powers, Anna,
Wichita.

Randall, Lola,
Bethel.

Randles, Anna E.,
Kansas City.

Randolph, Julia,
Leona.

Rector, Clara M.,
Emporia.

Reed, Olive L.,
Ottawa.

Richards, Faye,
Emporia.

Reed, Maude K.,
Pomona.

Ross, W. D.,
Topeka.

Routt, Maggie,
Paola.

Reeder, Cora,
Ottawa.

Rhodes, H. H.,
Chicago, Ill.

Rowe, Ida Ellen,
Emporia.

Russell, Nellie B.,
Kansas City.

St. John, C. E.,
Marion.

Schwegler, R. A.,
Lawrence.

Shideler, H. W.,
Girard.

Simon, Olive,
Washington.

Snoddy, Geo. S.,
Lawrence.

Spence, Millie,
Greenleaf.

Schlagle, Leslie,
Wolcott.

Sheets, Lena,
Marion.

Soward, Elizabeth,
Kansas City.

Smith, Mary E.,
Denver.

Stone, Julia M.,
Hays.

Smith, Jessica,
Harper.

Shideler, H. W.,
Girard.

Skinner, Emma A.,
Olathe.

Smith, Elizabeth A.,
Topeka.

Spake, Maude,
Kansas City.

States, Kate,
Emporia.

States, Mozella,
Emporia.

Steen, W. O.,
Abilene.

Stevenson, Mrs. Maria,
Paola.

Stolfus, Gertrude,
Emporia.

Stone, Ethel L.,
Emporia.

Stone, Walter,
Douglass.

Stubbs, Ansel H.,
Lawrence.

Sutcliff, H. O.,
Wheaton.

Thomas, Mary,
Kansas City.

Thompson, Birdena,
Emporia.

Thompson, Elsie,
Paola.

Thompson, Roy H.,
Emporia.

Thoroniun, A. M.,
Cottonwood Falls.

Tilford, Mamie,
Emporia.

Tompkins, M. H.,
Kansas City.

Tucker, J. B.,
Lewis.

Turner, Maude,
Freeman.

Vanons, Emma,
Kansas City.

Vickrey, Fanny R.,
Emporia.

Vickers, Irene,
Liberal.

Wallace, Elizabeth,
Emporia.

Wedell, Emilie,
Emporia.

Wetzig, Hannah,
Manhattan.

STATE-WIDE INSTITUTE—*concluded.*

Whitby, Blodwin,
Emporia.

White, E. A.,
Kansas City.

Williams, Mary,
Emporia.

Williams, Nettie B.,
Independence.

Williams, Sarah E.,
Scotland, Ga.

Wilson, Leota,
Kansas City.

Woodman, Gladys,
Vermilion.

Woods, Hattie E.,
Garnett.

Wooster, Florence,
Emporia.

Wright, Clara Belle,
Burden.

Young, B. F.,
Halstead.

Young, Laura,
Ottawa.

Young, Martha Lois,
Moran.

Summary of Attendance.

COLLEGE.	
Graduates	11
Seniors	57
Juniors	138
Sophomores	334
Freshmen	641
SECONDARY.	
Seniors	215
Juniors	206
Sophomores	242
Freshmen	388
Irregular	43
Unclassified	56
Training School	383
Model Rural School	32
Music	408
Total	3,154
Repetitions (Largely in Music Dept.)	387
Grand total	2,767

Kansas Counties Represented.

The following-named counties—one hundred in all—were represented during the past year. As younger children make up the classes in the primary and intermediate departments of the Model School, the pupils listed there are largely from Emporia or from the immediate vicinity. Many pupils who are enrolled as from Emporia belong to families residing here temporarily for the purpose of educating their children.

Allen	28	Greenwood	37	Ottawa	9
Anderson	24	Hamilton	6	Pawnee	9
Atchison	9	Harper	18	Phillips	8
Barber	10	Harvey	24	Pottawatomie	14
Barton	6	Haskell	4	Pratt	16
Bourbon	24	Hodgeman	2	Reno	24
Brown	18	Jackson	17	Republic	24
Butler	33	Jefferson	15	Rice	12
Chase	26	Jewell	15	Riley	15
Chautauqua	21	Johnson	15	Rooks	11
Cherokee	4	Kearny	6	Rush	5
Cheyenne	2	Kingman	17	Russell	1
Clark	7	Kiowa	3	Saline	13
Clay	17	Labette	10	Scott	1
Cloud	20	Lane	9	Sedgwick	15
Coffey	53	Leavenworth	15	Seward	8
Comanche	4	Lincoln	8	Shawnee	40
Cowley	15	Linn	27	Sherman	1
Crawford	19	Logan	4	Sheridan	4
Decatur	2	Lyon	1,102	Smith	9
Dickinson	23	McPherson	13	Stafford	15
Doniphan	15	Marion	50	Stanton	1
Douglas	27	Marshall	28	Stevens	3
Edwards	3	Meade	4	Sumner	21
Elk	44	Miami	27	Thomas	4
Ellis	1	Mitchell	20	Trego	1
Ellsworth	3	Montgomery	31	Wabaunsee	28
Finney	13	Morris	34	Washington	24
Ford	17	Nemaha	18	Wichita	2
Franklin	40	Ness	11	Wilson	38
Geary	11	Neosho	46	Woodson	17
Gove	4	Norton	5	Wyandotte	20
Graham	6	Osage	58		
Grant	7	Osborne	13	Total	2,692
Gray	11				

From Outside of Kansas.

Alaska	1	Iowa	5	Texas	1
Arkansas	2	Japan	1	Wyoming	1
Colorado	3	Michigan	3		
Georgia	1	Missouri	7	Total	75
Idaho	3	Nebraska	5	Grand Total	2,767
India	2	New Mexico	3		
Indiana	2	Oklahoma	35		

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